

Converting Colors

XYZ(82.0848, 103.7637,
78.7283)

Have a look what the booklet for
XYZ(82.0848, 103.7637, 78.7283)
contains.

XYZ(75.5018, 90.6202, 76.4629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.5018, 90.6202,
76.4629)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFD5
RGB	214, 255, 213
RGB Percent	84%, 100%, 84%
CMY	0.1608, 0.0000, 0.1647
CMYK	0.16, 0.00, 0.16, 0.00
HSL	119°, 100%, 92%
HSV	119°, 16%, 100%
XYZ	75.5018, 90.6202, 76.4629
YIQ	237.9530, -10.9540, -21.7540

Conversions

Conversions Part 2

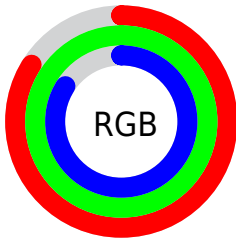
Format	Color
R _Y B	213, 255, 254
Decimal	14090197
CIE Lab	96.25, -20.78, 15.77
CIE LCh	96, 26.090, 142.812
Yxy	90.6202, 0.3112, 0.3736
Android (android.graphics.Color)	4292280277 (0xFFD6FFD5)
YUV	237.9530, -12.3018, -21.0068
Hunter-Lab	95.1946, -25.0168, 19.0129

Details

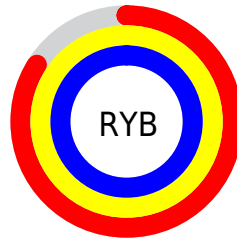
The XYZ color **75.5018, 90.6202, 76.4629** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.7181, 75.8805, 104.8944**, and the grayscale version is **81.3295, 85.5650, 93.1802**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6637, 50.2277, 39.8995** is the 20% darker color. If you saturate the color by 10%, you get **65.7966, 85.9621, 60.4205**, and if you desaturate by 10%, it is **86.8276, 96.0550, 95.2404**.

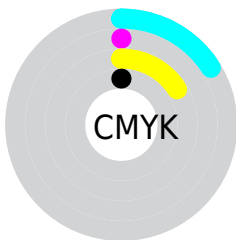
Distribution



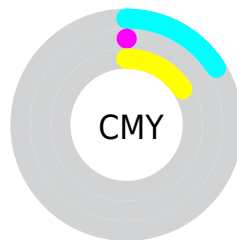
- Red (84%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5018, 90.6202, 76.4629 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.5018, 90.6202, 76.4629 by changing the saturation by 10% instead.

 75.5018, 90.6202,
76.4629

 75.5018, 90.6202,
76.4629


468.6112,
530.0463, 502.3198

 56.3197, 68.4952,
56.3032


126.0065,
148.1996, 130.1471

 40.6973, 50.3007,
40.0405


158.0599,
184.4227, 164.5087

 28.2693, 35.6524,
27.2561


195.1344,
226.1140, 204.4414

 18.6702, 24.1658,
17.5315

237.5954,
273.6578, 250.3637

 11.5348, 15.4567,
10.4482

285.8082,
327.4385, 302.6942

 6.4977, 9.1405,
5.5877

340.1382,

 3.1935, 4.8329,

387.8406, 361.8513

2.5313

400.9507,
455.2484, 428.2536

■ 1.2569, 2.1496,
0.8567

■ 0.1506, 0.6923,
0.0000

■ 75.5018, 90.6202,
76.4629

■ 75.5018, 90.6202,
76.4629

■ 65.7966, 85.9621,
60.4205

■ 86.8276, 96.0550,
95.2404

■ 57.6360, 82.0441,
46.9818

95.0500, 100.0000,
108.9000

■ 50.9410, 78.8286,
36.0107

■ 45.6247, 76.2740,
27.3572

■ 41.5911, 74.3343,
20.8552

■ 38.7320, 72.9579,
16.3162

■ 36.9214, 72.0845,
13.5194

■ 36.0040, 71.6401,
12.1888

■ 35.8360, 71.5592,
11.9236

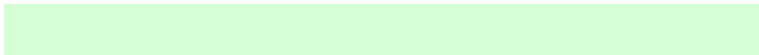
Harmonies

Analogous

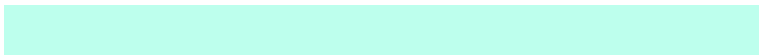
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8419, 90.6202, 66.2689



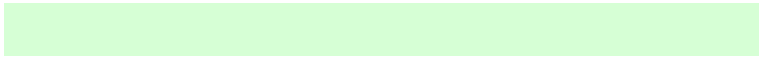
75.5018, 90.6202, 76.4629



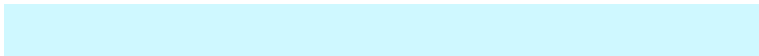
73.0345, 90.6202, 93.7609

Triad

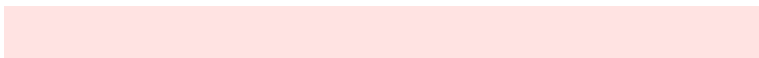
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5018, 90.6202, 76.4629



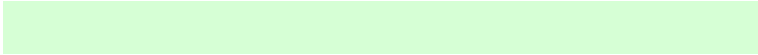
84.4002, 90.6202, 143.7910



99.6241, 90.6202, 83.9934

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.5018, 90.6202, 76.4629



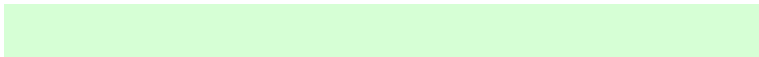
82.7181, 75.8805, 104.8944

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.7082, 90.6202, 103.7475



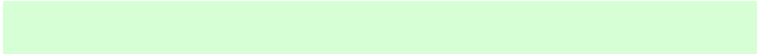
75.5018, 90.6202, 76.4629



91.6476, 90.6202, 140.2123

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5018, 90.6202, 76.4629



77.9816, 90.6202, 133.9957



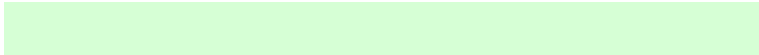
97.7154, 90.6202, 124.8075



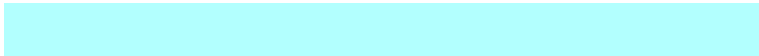
94.8309, 90.6202, 70.1723

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5018, 90.6202, 76.4629



73.2473, 90.6202, 107.7860



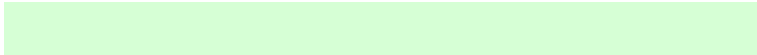
97.7154, 90.6202, 124.8075



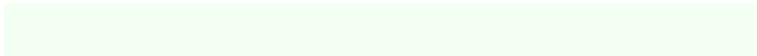
100.4449, 90.6202, 90.0831

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.5025, 90.6206, 76.4643



88.6328, 96.9212, 98.2376



88.5655, 96.6942, 76.9481



18.7853, 20.6560, 20.7185



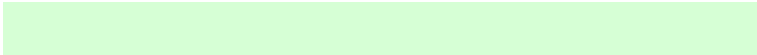
0.0000, 0.0000, 0.0000



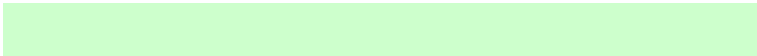
20.3446, 21.4041, 23.3091

Same Dimension

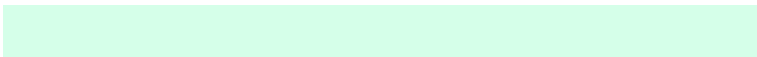
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5025, 90.6206, 76.4643



71.8949, 88.8892, 70.4948



77.8522, 91.5269, 90.3556



17.8115, 20.1887, 19.1024



18.7423, 37.4001, 6.2311



1.8383, 3.6484, 0.6073

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



82.7181, 75.8805, 104.8944



80.4378, 71.4363, 104.1568



80.0882, 74.8709, 89.1318



18.7474, 18.2770, 22.7897



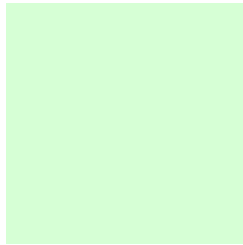
29.8515, 14.2995, 50.6213



2.9196, 1.3990, 4.9294

Previews

White Background



This preview shows how the XYZ color 75.5018, 90.6202, 76.4629 looks on a white background.

Color Contrast Check

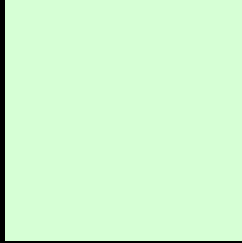
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.5018, 90.6202, 76.4629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

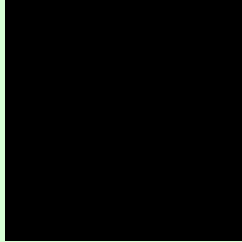
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

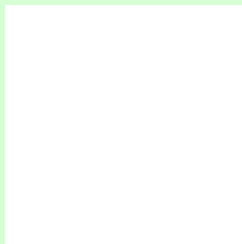
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5018, 90.6202, 76.4629

Background



This preview shows how black text looks on a background with the XYZ color 75.5018, 90.6202, 76.4629.



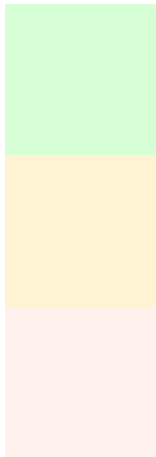
This preview shows how white text looks on a background with the XYZ color 75.5018, 90.6202,

76.4629.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.5018, 90.6202, 76.4629

Protanopia

85.1743, 90.1147, 75.1921

Deuteranopia

87.8356, 90.2267, 92.1429



Tritanopia

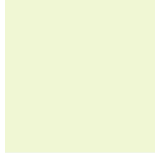
84.6341, 90.0172, 107.5221

Trichromacy



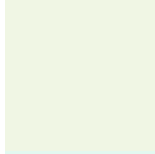
Original Color

75.5018, 90.6202, 76.4629



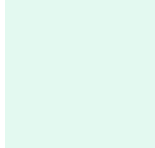
Protanomaly

81.0796, 89.8003, 75.3472



Deuteranomaly

82.8945, 90.0382, 86.4089



Tritanomaly

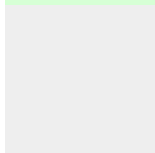
81.2824, 90.3735, 95.5979

Monochromacy



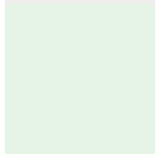
Original Color

75.5018, 90.6202, 76.4629



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.8066, 87.0165, 86.7711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5018, 90.6202, 76.4629 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 75.5018, 90.6202, 76.4629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 255, 213) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(214, 255, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(214, 255, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5018, 90.6202, 76.4629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
255, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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