

Converting Colors

XYZ(79.7741, 100.0000,
60.4033)

Have a look what the booklet for
XYZ(79.7741, 100.0000, 60.4033)
contains.

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Color

**XYZ(75.1522, 90.8280,
58.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFB8
RGB	224, 255, 184
RGB Percent	88%, 100%, 72%
CMY	0.1216, 0.0000, 0.2784
CMYK	0.12, 0.00, 0.28, 0.00
HSL	86°, 100%, 86%
HSV	86°, 28%, 100%
XYZ	75.1522, 90.8280, 58.9180
YIQ	237.6370, 4.3150, -28.6530

Conversions

Conversions Part 2

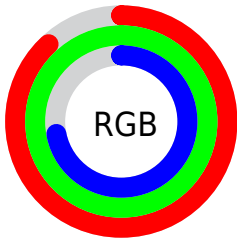
Format	Color
RYB	184, 255, 215
Decimal	14745528
CIELab	96.34, -21.87, 30.71
CIELCh	96, 37.703, 125.456
Yxy	90.8280, 0.3342, 0.4039
Android (android.graphics.Color)	4292935608 (0xFFE0FFB8)
YUV	237.6370, -26.4430, -11.9596
Hunter-Lab	95.3037, -26.0245, 30.0588

Details

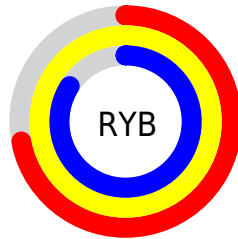
The XYZ color **75.1522, 90.8280, 58.9180** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.2158, 55.9493, 102.0752**, and the grayscale version is **81.1823, 85.4101, 93.0116**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **40.3718, 50.3247, 28.7049** is the 20% darker color. If you saturate the color by 10%, you get **69.3768, 88.1322, 45.9296**, and if you desaturate by 10%, it is **81.6363, 93.8335, 74.4572**.

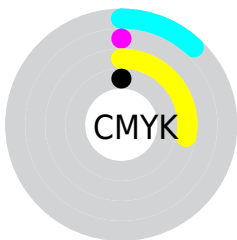
Distribution



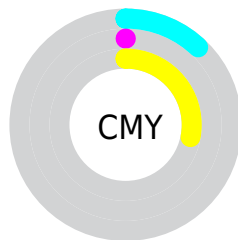
- Red (88%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1522, 90.8280, 58.9180 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 75.1522, 90.8280, 58.9180 by changing the saturation by 10% instead.


 75.1522, 90.8280,
58.9180

 75.1522, 90.8280,
58.9180


467.4297,
530.7206, 438.2914

 56.0322, 68.6676,
42.1275


 125.5145,
148.4880, 104.7864

 40.4658, 50.4410,
28.8749


157.4876,
184.7564, 134.7015

 28.0878, 35.7640,
18.7414


194.4757,
226.4962, 169.8285

 18.5326, 24.2520,
11.3087

236.8442,
274.0918, 210.5859

 11.4351, 15.5206,
6.1581

284.9585,
327.9277, 257.3924

 6.4297, 9.1856,
2.8711

339.1840,

 3.1512, 4.8624,

388.3882, 310.6664

1.0292

399.8859,
455.8577, 370.8266

■ 1.2342, 2.1668,
0.0000

■ 0.1331, 0.7018,
0.0000

■ 75.1522, 90.8280,
58.9180

■ 75.1522, 90.8280,
58.9180

■ 69.3768, 88.1322,
45.9296

■ 81.6363, 93.8335,
74.4572

■ 64.2787, 85.7328,
35.3514

■ 88.8560, 97.1597,
92.6695

■ 59.8254, 83.6166,
27.0354

95.0500, 100.0000,
108.9000

■ 55.9811, 81.7684,
20.8155

■ 52.7052, 80.1717,
16.5030

■ 49.9504, 78.8069,
13.8751

■ 47.6554, 77.6488,
12.6340

■ 47.2024, 77.4188,
12.4555

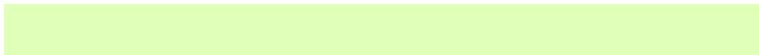
Harmonies

Analogous

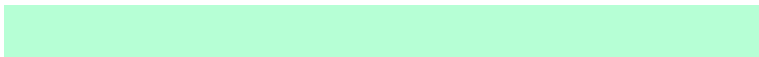
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4262, 90.8280, 51.8261



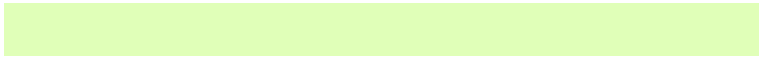
75.1522, 90.8280, 58.9180



69.2545, 90.8280, 76.7935

Triad

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



75.1522, 90.8280, 58.9180



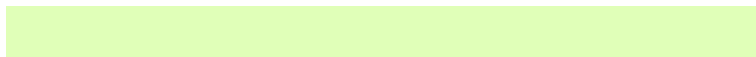
78.2206, 90.8280, 161.2814



107.9996, 90.8280, 93.5064

Complementary

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



75.1522, 90.8280, 58.9180



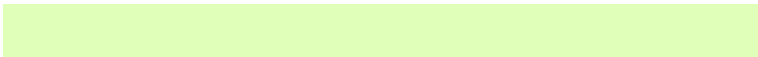
63.2158, 55.9493, 102.0752

Split Complementary

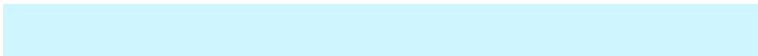
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.0025, 90.8280, 124.8787



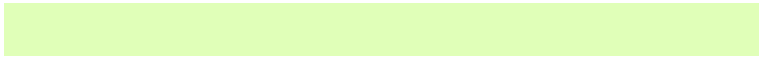
75.1522, 90.8280, 58.9180



88.2608, 90.8280, 168.2471

Square

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



75.1522, 90.8280, 58.9180



70.9229, 90.8280, 136.3220



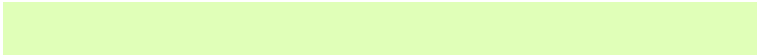
98.5630, 90.8280, 153.7929



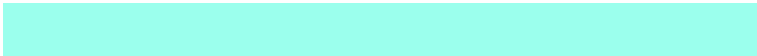
103.8193, 90.8280, 69.0359

Rectangle

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



75.1522, 90.8280, 58.9180



67.7471, 90.8280, 94.3907



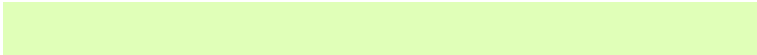
98.5630, 90.8280, 153.7929



108.0321, 90.8280, 103.5430

Sweetspot

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



75.1526, 90.8282, 58.9193



88.7363, 97.1047, 92.3608



74.1334, 73.2036, 55.5712



18.7508, 20.6730, 19.1463



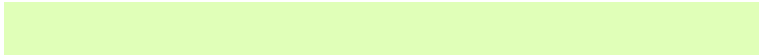
0.0000, 0.0000, 0.0000



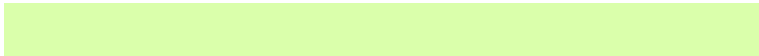
20.3446, 21.4041, 23.3091

Same Dimension

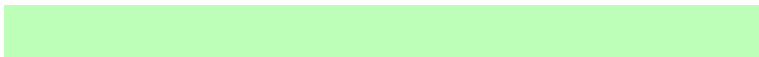
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1526, 90.8282, 58.9193



72.0871, 89.3998, 51.9097



65.3327, 85.7658, 58.4598



18.7508, 20.6730, 19.1463



24.8388, 40.5429, 6.5164



2.5439, 4.0122, 0.6404

Inverse Universe

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



63.2158, 55.9493, 102.0752



58.4824, 49.6400, 101.1069



74.7110, 61.8753, 102.6132



17.7555, 17.7657, 22.7433



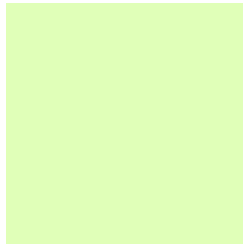
13.0435, 5.6346, 49.8347



1.3927, 0.6119, 4.8580

Previews

White Background



This preview shows how the XYZ color 75.1522, 90.8280, 58.9180 looks on a white background.

Color Contrast Check

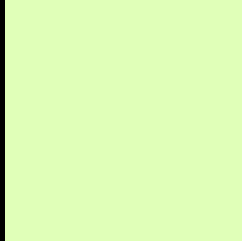
Large Text (above 18pt) WCAG AA × Fail

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 75.1522, 90.8280, 58.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

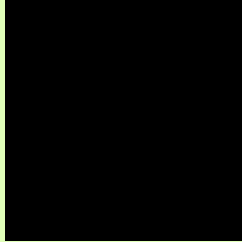
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

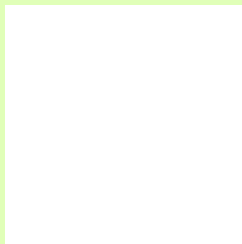
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1522, 90.8280, 58.9180

Background



This preview shows how black text looks on a background with the XYZ color 75.1522, 90.8280, 58.9180.



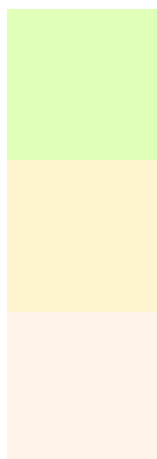
This preview shows how white text looks on a background with the XYZ color 75.1522, 90.8280,

58.9180.

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

75.1522, 90.8280, 58.9180

Protanopia

84.9758, 90.5154, 72.6670

Deuteranopia

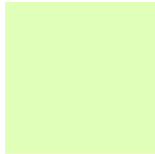
87.5576, 90.5905, 89.2149



Tritanopia

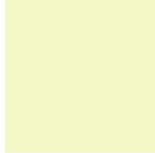
86.3359, 90.4466, 107.5153

Trichromacy



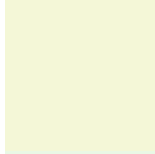
Original Color

75.1522, 90.8280, 58.9180



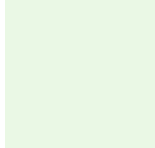
Protanomaly

81.1844, 90.4914, 67.2205



Deuteranomaly

82.8347, 90.6609, 77.4234



Tritanomaly

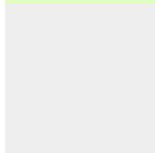
81.6419, 90.2844, 87.2524

Monochromacy



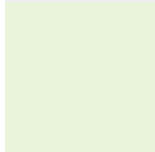
Original Color

75.1522, 90.8280, 58.9180



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.6098, 87.0870, 78.9959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1522, 90.8280, 58.9180 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(224, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 184)  
}
```

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(224, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 75.1522, 90.8280, 58.9180 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(224, 255, 184) }
```


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

```
.border{ border-color:rgb(224, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1522, 90.8280, 58.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 184) }
```

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

```
.background{ background-color: rgb(224,  
255, 184) }
```

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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