

Converting Colors

XYZ(75.3697, 90.5137, 78.1904)

Have a look what the booklet for
XYZ(75.3697, 90.5137, 78.1904)
contains.

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Color

**XYZ(75.3060, 90.4749,
78.4601)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FFD8
RGB	212, 255, 216
RGB Percent	83%, 100%, 85%
CMY	0.1686, 0.0000, 0.1529
CMYK	0.17, 0.00, 0.15, 0.00
HSL	126°, 100%, 92%
HSV	126°, 17%, 100%
XYZ	75.3060, 90.4749, 78.4601
YIQ	237.6970, -13.1090, -21.2450

Conversions

Conversions Part 2

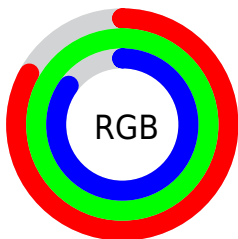
Format	Color
R_{YB}	212, 251, 255
Decimal	13959128
CIE _{Lab}	96.19, -20.93, 14.13
CIE _{LCh}	96, 25.252, 145.969
Yxy	90.4749, 0.3083, 0.3704
Android (android.graphics.Color)	4292149208 (0xFFD4FFD8)
YUV	237.6970, -10.6966, -22.5363
Hunter-Lab	95.1183, -25.1370, 17.6763

Details

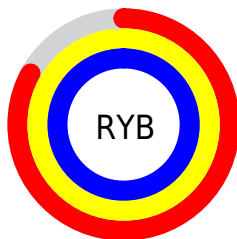
The XYZ color **75.3060, 90.4749, 78.4601** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.1963, 75.3126, 101.4708**, and the grayscale version is **81.1206, 85.3451, 92.9409**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5317, 50.1295, 41.2579** is the 20% darker color. If you saturate the color by 10%, you get **65.7434, 85.8667, 63.4877**, and if you desaturate by 10%, it is **86.4518, 95.8506, 95.7062**.

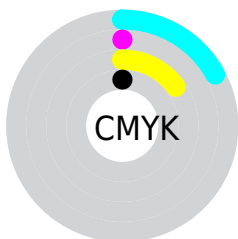
Distribution



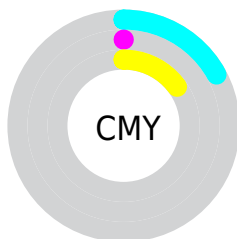
- Red (83%)
- Green (100%)
- Blue (85%)



- Red (83%)
- Yellow (98%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3060, 90.4749, 78.4601 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 75.3060, 90.4749, 78.4601 by changing the saturation by 10% instead.

75.3060, 90.4749,
78.4601

75.3060, 90.4749,
78.4601

467.9497,
529.5745, 509.2972

56.1587, 68.3746,
57.9333

125.7310,
147.9979, 132.9903

40.5677, 50.2025,
41.3407

157.7394,
184.1893, 167.8308

28.1676, 35.5744,
28.2637

194.7655,
225.8466, 208.2796

18.5931, 24.1056,
18.2838

237.1748,
273.3541, 254.7552

11.4789, 15.4120,
10.9824

285.3324,
327.0963, 307.6763

6.4596, 9.1091,
5.9410

339.6039,

3.1698, 4.8124,

387.4575, 367.4613

2.7410

400.3545,
454.8221, 434.5287

■ 1.2442, 2.1376,
0.9640

■ 0.1408, 0.6856,
0.0000

■ 75.3060, 90.4749,
78.4601

■ 75.3060, 90.4749,
78.4601

■ 65.7434, 85.8667,
63.4877

■ 86.4518, 95.8506,
95.7062

■ 57.6900, 81.9899,
50.6900

95.0500, 100.0000,
108.9000

■ 51.0692, 78.8072,
39.9673

■ 45.7966, 76.2775,
31.2102

■ 41.7792, 74.3552,
24.2994

■ 38.9117, 72.9890,
19.1027

■ 37.0718, 72.1190,
15.4701

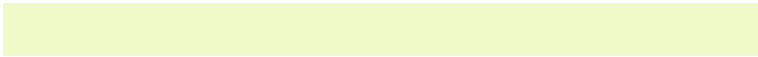
■ 36.1073, 71.6705,
13.2259

■ 35.9220, 71.5848,
12.7732

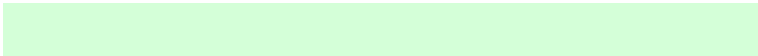
Harmonies

Analogous

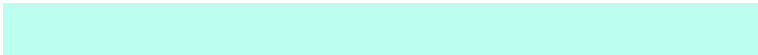
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2288, 90.4749, 67.7389



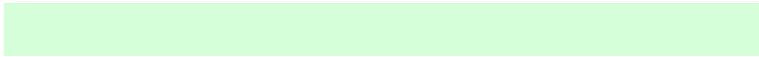
75.3060, 90.4749, 78.4601



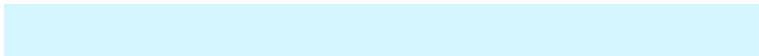
73.2439, 90.4749, 95.8247

Triad

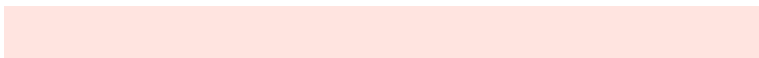
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3060, 90.4749, 78.4601



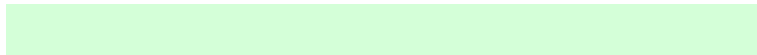
85.0503, 90.4749, 142.2248



98.6818, 90.4749, 82.5655

Complementary

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



75.3060, 90.4749, 78.4601



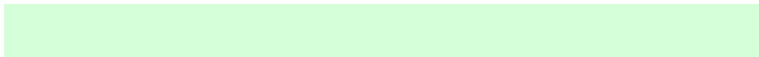
82.1963, 75.3126, 101.4708

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.



100.1433, 90.4749, 101.2486



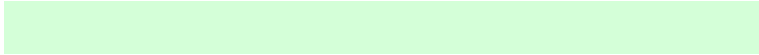
75.3060, 90.4749, 78.4601



92.0283, 90.4749, 137.4257

Square

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



75.3060, 90.4749, 78.4601



78.6730, 90.4749, 134.0677



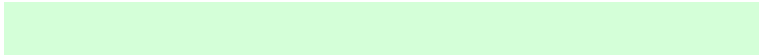
97.6476, 90.4749, 121.7181



93.7549, 90.4749, 69.8736

Rectangle

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



75.3060, 90.4749, 78.4601



73.6819, 90.4749, 109.5116



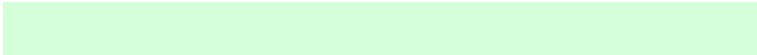
97.6476, 90.4749, 121.7181



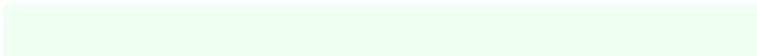
99.6057, 90.4749, 88.2744

Sweetspot

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



75.3067, 90.4752, 78.4615



88.7075, 96.9390, 99.1756



87.5778, 96.8603, 76.3683



18.8034, 20.6603, 20.9454



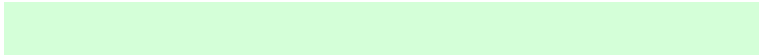
0.0000, 0.0000, 0.0000



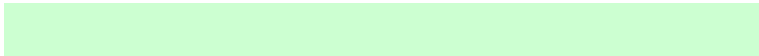
20.3446, 21.4041, 23.3091

Same Dimension

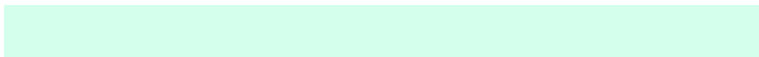
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3067, 90.4752, 78.4615



72.1389, 88.9482, 73.5229



78.2101, 91.6366, 93.7506



17.8402, 20.1956, 19.4614



18.7929, 37.4137, 6.7946



1.8518, 3.6517, 0.7776

Inverse Universe

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



82.1963, 75.3126, 101.4708



80.1282, 71.3639, 100.2035



79.0551, 74.0562, 84.9297



18.7155, 18.2695, 22.3849



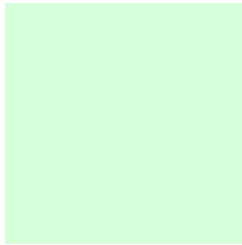
29.1358, 14.1436, 40.9610



2.8572, 1.3853, 4.0956

Previews

White Background



This preview shows how the XYZ color 75.3060, 90.4749, 78.4601 looks on a white background.

Color Contrast Check

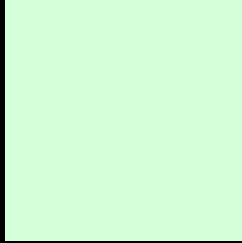
Large Text (above 18pt) WCAG AA × Fail

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 75.3060, 90.4749, 78.4601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

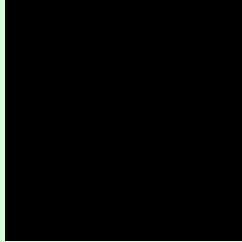
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

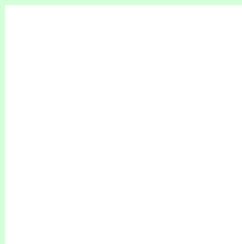
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3060, 90.4749, 78.4601

Background



This preview shows how black text looks on a background with the XYZ color 75.3060, 90.4749, 78.4601.



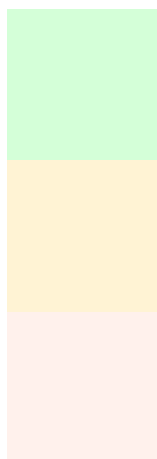
This preview shows how white text looks on a background with the XYZ color 75.3060, 90.4749,

78.4601.

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

75.3060, 90.4749, 78.4601

Protanopia

85.1743, 90.1147, 75.1921

Deuteranopia

87.8356, 90.2267, 92.1429



Tritanopia

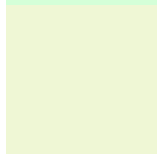
84.6100, 90.4552, 107.6079

Trichromacy



Original Color

75.3060, 90.4749, 78.4601



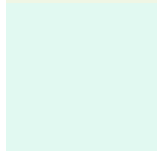
Protanomaly

80.8676, 89.6763, 75.9979



Deuteranomaly

82.6952, 89.9194, 87.1264



Tritanomaly

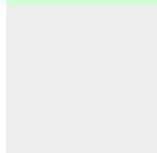
80.8042, 90.1098, 96.3532

Monochromacy



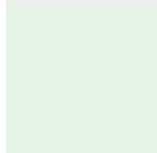
Original Color

75.3060, 90.4749, 78.4601



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.9467, 87.0726, 87.5087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3060, 90.4749, 78.4601 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(212, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 216)  
}
```

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(212, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 216) }
```

Border

The CSS property to change the border of an element to XYZ 75.3060, 90.4749, 78.4601 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(212, 255, 216) }
```


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

```
.border{ border-color:rgb(212, 255, 216) }
```

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

Here you see how a box with a 4 pixel rgb(212, 255, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3060, 90.4749, 78.4601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 216) }
```

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

```
.background{ background-color: rgb(212,  
255, 216) }
```

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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