

Converting Colors

XYZ(66.0968, 75.0862, 62.8275)

Have a look what the booklet for
XYZ(66.0968, 75.0862, 62.8275)
contains.

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Color

**XYZ(65.8787, 74.8299,
62.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E6C3
RGB	214, 230, 195
RGB Percent	84%, 90%, 76%
CMY	0.1608, 0.0980, 0.2353
CMYK	0.07, 0.00, 0.15, 0.10
HSL	87°, 41%, 83%
HSV	87°, 15%, 90%
XYZ	65.8787, 74.8299, 62.6012
YIQ	221.2260, 1.6990, -14.2770

Conversions

Conversions Part 2

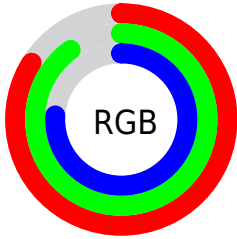
Format	Color
RYB	195, 230, 211
Decimal	14083779
CIELab	89.31, -11.44, 15.27
CIELCh	89, 19.083, 126.850
Yxy	74.8299, 0.3240, 0.3681
Android (android.graphics.Color)	4292273859 (0xFFD6E6C3)
YUV	221.2260, -12.9294, -6.3372
Hunter-Lab	86.5043, -15.4430, 17.6462

Details

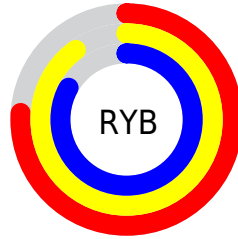
The XYZ color **65.8787, 74.8299, 62.6012** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.6650, 58.5943, 82.9793**, and the grayscale version is **68.9749, 72.5669, 79.0254**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **34.2418, 39.5661, 31.0316** is the 20% darker color. If you saturate the color by 10%, you get **60.5057, 72.3399, 49.8044**, and if you desaturate by 10%, it is **71.8546, 77.5888, 77.5203**.

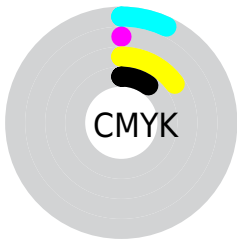
Distribution



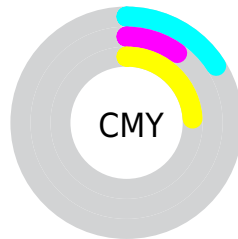
- Red (84%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8787, 74.8299, 62.6012 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 65.8787, 74.8299, 62.6012 by changing the saturation by 10% instead.

65.8787, 74.8299,
62.6012

65.8787, 74.8299,
62.6012

435.4384,
477.3327, 452.1888

48.4413, 55.4736,
45.0797

112.3709,
126.0715, 110.1740

34.3892, 39.7810,
31.1768

142.1564,
158.7256, 141.0624

23.3570, 27.3678,
20.4739

176.7887,
196.5811, 177.2435

14.9795, 17.8497,
12.5525

216.6330,
240.0223, 219.1358

8.8912, 10.8421,
6.9941

262.0548,
289.4337, 267.1580

4.7268, 5.9608,
3.3800

313.4194,

2.1210, 2.8212,

345.1996, 321.7285

1.2918

371.0921,
407.7045, 383.2659

■ 0.7006, 1.0391,
0.0550

■ 0.0000, 0.0000,
0.0000

■ 65.8787, 74.8299,
62.6012

■ 65.8787, 74.8299,
62.6012

■ 60.5057, 72.3399,
49.8044

■ 71.8546, 77.5888,
77.5203

■ 55.7074, 70.0999,
39.0286

■ 78.4480, 80.6156,
94.6471

■ 51.4626, 68.1032,
30.1716

■ 84.1967, 83.3282,
106.2540

■ 47.7456, 66.3393,
23.1202

■ 87.5883, 85.0766,
106.4128

■ 44.5288, 64.7965,
17.7493

■ 41.7813, 63.4621,
13.9180

■ 39.4675, 62.3212,
11.4623

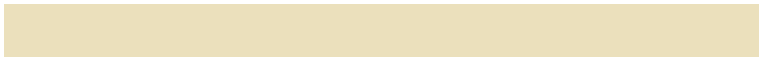
■ 37.5447, 61.3564,
10.1807

■ 36.7327, 60.9447,
9.8275

Harmonies

Analogous

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



70.0591, 74.8299, 58.5407



65.8787, 74.8299, 62.6012



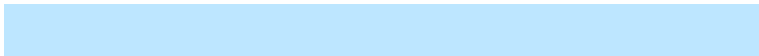
63.1908, 74.8299, 71.7895

Triad

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



65.8787, 74.8299, 62.6012



67.6552, 74.8299, 107.4531



80.4061, 74.8299, 78.4513

Complementary

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



65.8787, 74.8299, 62.6012



60.6650, 58.5943, 82.9793

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.



79.6939, 74.8299, 91.9991



65.8787, 74.8299, 62.6012



72.1988, 74.8299, 109.7361

Square

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



65.8787, 74.8299, 62.6012



64.1847, 74.8299, 97.8745



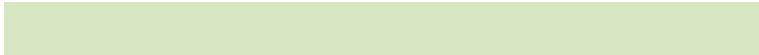
76.6397, 74.8299, 103.8103



78.5453, 74.8299, 67.0216

Rectangle

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



65.8787, 74.8299, 62.6012



62.5381, 74.8299, 80.0737



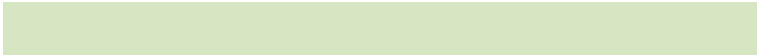
76.6397, 74.8299, 103.8103



80.4609, 74.8299, 82.8967

Sweetspot

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



65.8807, 74.8331, 62.6028



90.9523, 98.1169, 98.3462



65.7185, 67.2302, 61.1439



19.3477, 20.9459, 20.7448



0.0000, 0.0000, 0.0000



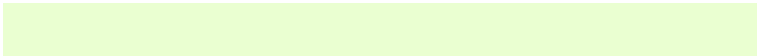
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8807, 74.8331, 62.6028



81.2171, 93.6231, 74.1770



61.1099, 72.3737, 62.3796



14.9331, 16.4726, 15.2969



20.9377, 34.5753, 5.5702



1.6541, 2.6101, 0.4166

Inverse Universe

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



60.6650, 58.5943, 82.9793



73.5359, 69.7073, 104.1868



65.8752, 61.2803, 83.2232



14.2058, 14.2083, 18.1381



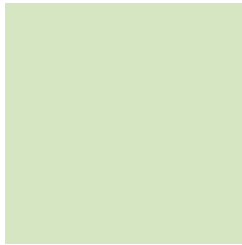
11.5324, 5.0111, 42.7426



0.9582, 0.4250, 3.1635

Previews

White Background



This preview shows how the XYZ color 65.8787, 74.8299, 62.6012 looks on a white background.

Color Contrast Check

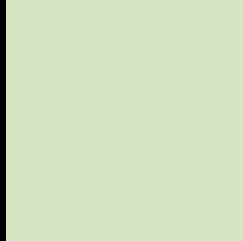
Large Text (above 18pt) WCAG AA × Fail

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 65.8787, 74.8299, 62.6012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

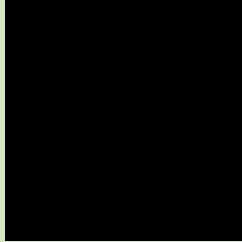
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

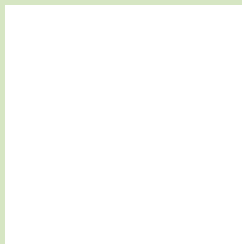
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8787, 74.8299, 62.6012

Background



This preview shows how black text looks on a background with the XYZ color 65.8787, 74.8299, 62.6012.

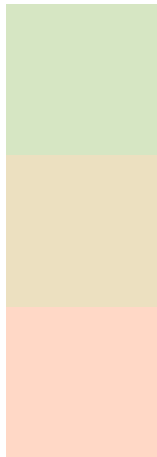


This preview shows how white text looks on a background with the XYZ color 65.8787, 74.8299,

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

65.8787, 74.8299, 62.6012

Protanopia

70.7622, 74.9499, 60.6064

Deuteranopia

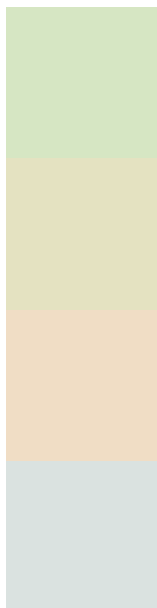
75.9889, 74.4490, 63.7911



Tritanopia

72.0837, 74.4984, 93.7995

Trichromacy



Original Color

65.8787, 74.8299, 62.6012

Protanomaly

68.8169, 74.7369, 61.2507

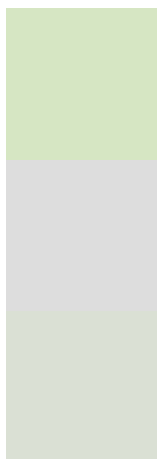
Deuteranomaly

71.8697, 74.2694, 63.3708

Tritanomaly

69.5643, 74.6800, 81.2692

Monochromacy



Original Color

65.8787, 74.8299, 62.6012

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.4528, 72.9702, 72.8169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8787, 74.8299, 62.6012 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, 230, 195) looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 195)  
}
```

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, 230, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.8787, 74.8299, 62.6012 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, 230, 195) }
```


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

```
.border{ border-color:rgb(214, 230, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 230, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 230, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 230, 195);  
box-shadow:4px 4px 4px 4px rgb(214, 230,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8787, 74.8299, 62.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 195) }
```

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

```
.background{ background-color: rgb(214,  
230, 195) }
```

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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