

Converting Colors

XYZ(65.5776, 75.0890, 62.6671)

Have a look what the booklet for
XYZ(65.5776, 75.0890, 62.6671)
contains.

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Color

**XYZ(65.5776, 75.0890,
62.6671)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E7C3
RGB	212, 231, 195
RGB Percent	83%, 91%, 76%
CMY	0.1686, 0.0941, 0.2353
CMYK	0.08, 0.00, 0.16, 0.09
HSL	92°, 43%, 84%
HSV	92°, 16%, 91%
XYZ	65.5776, 75.0890, 62.6671
YIQ	221.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

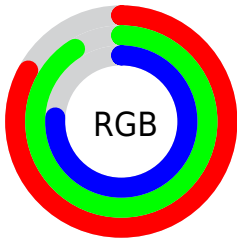
Format	Color
RYB	195, 231, 214
Decimal	13952963
CIELab	89.43, -12.64, 15.42
CIELCh	89, 19.941, 129.346
Yxy	75.0890, 0.3225, 0.3693
Android (android.graphics.Color)	4292143043 (0xFFD4E7C3)
YUV	221.2150, -12.9240, -8.0816
Hunter-Lab	86.6539, -16.5598, 17.7799

Details

The XYZ color **65.5776, 75.0890, 62.6671** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.6735, 59.0980, 83.7618**, and the grayscale version is **68.9678, 72.5595, 79.0173**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **34.0423, 39.7511, 31.0778** is the 20% darker color. If you saturate the color by 10%, you get **59.7823, 72.3825, 49.8004**, and if you desaturate by 10%, it is **72.0465, 78.1006, 77.6776**.

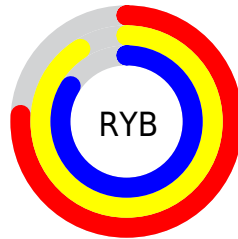
Distribution



Red (83%)

Green (91%)

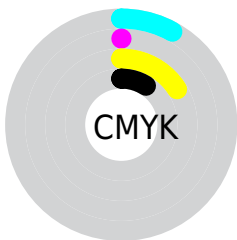
Blue (76%)



Red (76%)

Yellow (91%)

Blue (84%)

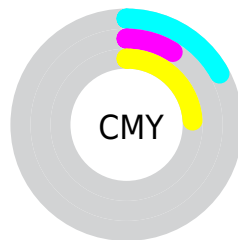


Cyan (8%)

Magenta (0%)

Yellow (16%)

Black (9%)



Cyan (17%)

Magenta (9%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5776, 75.0890, 62.6671 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 65.5776, 75.0890, 62.6671 by changing the saturation by 10% instead.

65.5776, 75.0890,
62.6671

65.5776, 75.0890,
62.6671

434.3772,
478.2234, 452.4350

48.1960, 55.6858,
45.1327

111.9410,
126.4383, 110.2700

34.1940, 39.9511,
31.2182

141.6534,
159.1533, 141.1756

23.2063, 27.5004,
20.5052

176.2070,
197.0742, 177.3753

14.8674, 17.9494,
12.5751

215.9668,
240.5856, 219.2878

8.8121, 10.9137,
7.0094

261.2984,
290.0719, 267.3314

4.6750, 6.0088,
3.3894


312.5671,

2.0906, 2.8504,


345.9173, 321.9248


1.2967


370.1383,
408.5064, 383.4864


 0.6841, 1.0542,
0.0591


 0.0000, 0.0000,
0.0000


 65.5776, 75.0890,
62.6671


 65.5776, 75.0890,
62.6671


 59.7823, 72.3825,
49.8004


 72.0465, 78.1006,
77.6776


 54.6303, 69.9608,
38.9749

 79.2061, 81.4172,
94.9186

 50.0976, 67.8161,
30.0868

 85.5454, 84.4378,
106.3971

 46.1562, 65.9366,
23.0212

 87.8674, 85.6348,
106.5058

■ 42.7755, 64.3091,
17.6512

■ 39.9217, 62.9194,
13.8333

■ 37.5558, 61.7512,
11.4006

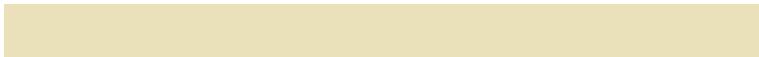
■ 35.6317, 60.7850,
10.1475

■ 34.8926, 60.4104,
9.8214

Harmonies

Analogous

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



69.8549, 75.0890, 57.9802



65.5776, 75.0890, 62.6671



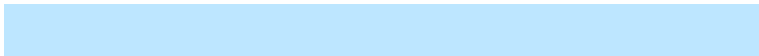
62.9348, 75.0890, 72.6314

Triad

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



65.5776, 75.0890, 62.6671



68.1071, 75.0890, 109.6088



81.0471, 75.0890, 77.4669

Complementary

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



65.5776, 75.0890, 62.6671



61.6735, 59.0980, 83.7618

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.



80.5268, 75.0890, 91.6213



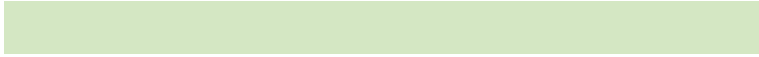
65.5776, 75.0890, 62.6671



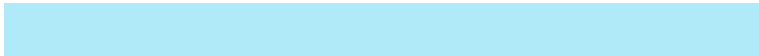
72.9065, 75.0890, 111.2855

Square

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



65.5776, 75.0890, 62.6671



64.3483, 75.0890, 100.0318



77.4935, 75.0890, 104.3814



78.8845, 75.0890, 65.8594

Rectangle

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



65.5776, 75.0890, 62.6671



62.3818, 75.0890, 81.4526



77.4935, 75.0890, 104.3814



81.1823, 75.0890, 82.0665

Sweetspot

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



65.5796, 75.0923, 62.6687



90.6318, 97.9517, 98.3312



66.7537, 68.8228, 61.3967



19.2698, 20.9058, 20.7412



0.0000, 0.0000, 0.0000



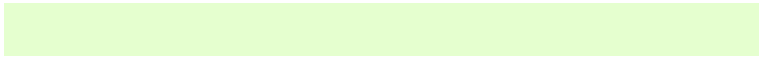
20.3446, 21.4041, 23.3091

Same Dimension

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



65.5796, 75.0923, 62.6687



79.4166, 92.7311, 72.4566



61.0021, 72.7246, 62.8094



14.8332, 16.4211, 15.2922



19.7012, 33.9378, 5.5123



1.5624, 2.5628, 0.4123

Inverse Universe

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



61.6735, 59.0980, 83.7618



73.5730, 68.8045, 104.0106



66.8122, 61.7569, 83.5606



14.3054, 14.2597, 18.1427



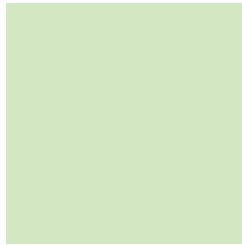
12.7250, 5.6259, 42.7984



1.0474, 0.4709, 3.1677

Previews

White Background



This preview shows how the XYZ color 65.5776, 75.0890, 62.6671 looks on a white background.

Color Contrast Check

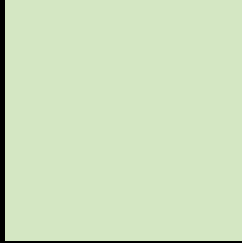
Large Text (above 18pt) WCAG AA × Fail

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 65.5776, 75.0890, 62.6671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

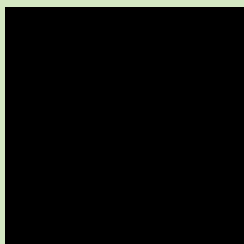
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

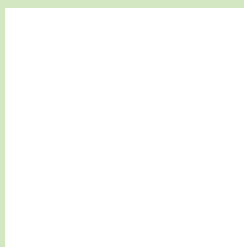
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5776, 75.0890, 62.6671

Background



This preview shows how black text looks on a background with the XYZ color 65.5776, 75.0890, 62.6671.

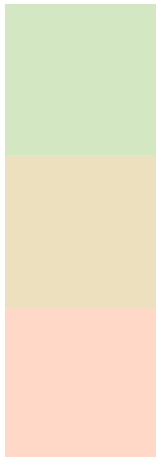


This preview shows how white text looks on a background with the XYZ color 65.5776, 75.0890,

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

65.5776, 75.0890, 62.6671

Protanopia

70.6517, 74.9058, 60.0247

Deuteranopia

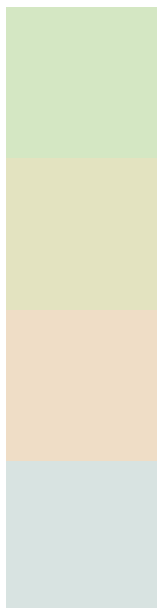
76.1047, 74.4953, 64.4007



Tritanopia

71.8961, 74.7822, 94.6495

Trichromacy



Original Color

65.5776, 75.0890, 62.6671

Protanomaly

68.6621, 75.0748, 60.7412

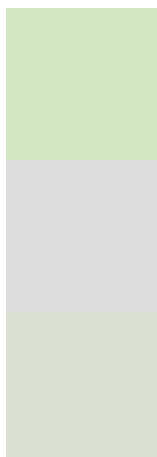
Deuteranomaly

71.6461, 74.1408, 63.9605

Tritanomaly

69.3786, 74.9733, 82.0488

Monochromacy



Original Color

65.5776, 75.0890, 62.6671

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.7223, 73.5093, 72.9067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5776, 75.0890, 62.6671 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, 231, 195)` looks like.

```
.text, #text, p{  
    color:rgb(212, 231, 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(212, 231, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 231, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.5776, 75.0890, 62.6671 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, 231, 195) }
```


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

```
.border{ border-color:rgb(212, 231, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 231, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 231, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 231, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 231,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5776, 75.0890, 62.6671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 231, 195) }
```

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

```
.background{ background-color: rgb(212,  
231, 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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