

Converting Colors

XYZ(65.8866, 76.1522, 59.5466)

Have a look what the booklet for
XYZ(65.8866, 76.1522, 59.5466)
contains.

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Color

**XYZ(65.7648, 76.0981,
59.3663)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E9BD
RGB	213, 233, 189
RGB Percent	84%, 91%, 74%
CMY	0.1647, 0.0863, 0.2588
CMYK	0.09, 0.00, 0.19, 0.09
HSL	87°, 50%, 83%
HSV	87°, 19%, 91%
XYZ	65.7648, 76.0981, 59.3663
YIQ	222.0040, 2.2040, -17.9240

Conversions

Conversions Part 2

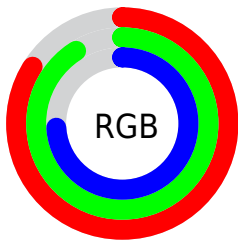
Format	Color
RYB	189, 233, 209
Decimal	14019005
CIELab	89.90, -14.25, 19.21
CIELCh	90, 23.914, 126.574
Yxy	76.0981, 0.3268, 0.3782
Android (android.graphics.Color)	4292209085 (0xFFD5E9BD)
YUV	222.0040, -16.2710, -7.8965
Hunter-Lab	87.2342, -18.0910, 20.7148

Details

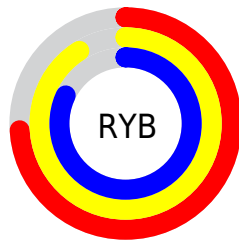
The XYZ color **65.7648, 76.0981, 59.3663** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.2031, 55.8358, 84.7519**, and the grayscale version is **69.5459, 73.1677, 79.6797**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **34.2666, 40.4910, 29.3020** is the 20% darker color. If you saturate the color by 10%, you get **60.4638, 73.6367, 46.9595**, and if you desaturate by 10%, it is **71.6770, 78.8321, 73.9259**.

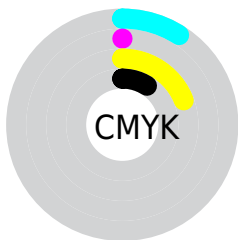
Distribution



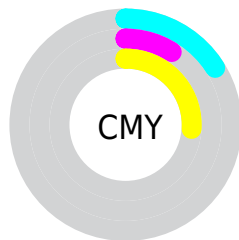
- Red (84%)
- Green (91%)
- Blue (74%)



- Red (74%)
- Yellow (91%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7648, 76.0981, 59.3663 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 65.7648, 76.0981, 59.3663 by changing the saturation by 10% instead.

■ 65.7648, 76.0981,
59.3663

■ 65.7648, 76.0981,
59.3663

435.0372,
481.6834, 439.9976

■ 48.3485, 56.5130,
42.4861

■ 112.2083,
127.8656, 105.4442

■ 34.3153, 40.6143,
29.1537

141.9662,
160.8167, 135.4790

■ 23.3000, 28.0179,
18.9505

176.5687,
198.9919, 170.7358

■ 14.9371, 18.3391,
11.4581

216.3811,
242.7756, 211.6330

■ 8.8613, 11.1937,
6.2578

261.7688,
292.5522, 258.5893

■ 4.7072, 6.1973,
2.9312


313.0971,

■ 2.1095, 2.9654,


348.7062, 312.0231


1.0596


370.7315,
411.6218, 372.3530


 0.6944, 1.1137,
0.0000


 0.0000, 0.0000,
0.0000


 65.7648, 76.0981,
59.3663


 65.7648, 76.0981,
59.3663


 60.4638, 73.6367,
46.9595


 71.6770, 78.8321,
73.9259


 55.7446, 71.4284,
36.5982

 78.2161, 81.8380,
90.7287

 51.5846, 69.4660,
28.1738

 84.7696, 84.8737,
106.5222

 47.9567, 67.7382,
21.5652

 88.4305, 86.7609,
106.6935

■ 44.8312, 66.2328,
16.6380

■ 42.1748, 64.9358,
13.2388

■ 39.9485, 63.8313,
11.1865

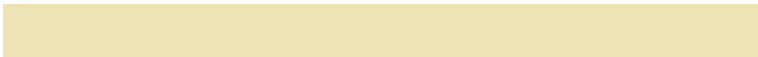
■ 38.0958, 62.8959,
10.2069

■ 37.9045, 62.7990,
10.1236

Harmonies

Analogous

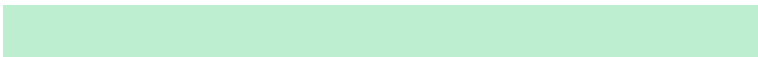
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0354, 76.0981, 54.5417



65.7648, 76.0981, 59.3663



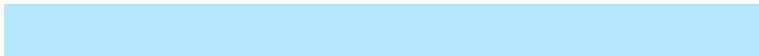
62.3918, 76.0981, 70.5770

Triad

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



65.7648, 76.0981, 59.3663



67.9031, 76.0981, 116.4637



84.2196, 76.0981, 79.1865

Complementary

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



65.7648, 76.0981, 59.3663



59.2031, 55.8358, 84.7519

Split Complementary

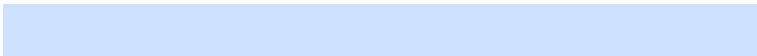
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2689, 76.0981, 96.4866



65.7648, 76.0981, 59.3663



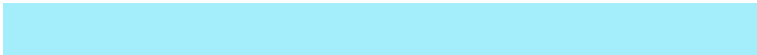
73.6382, 76.0981, 119.5899

Square

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



65.7648, 76.0981, 59.3663



63.5785, 76.0981, 103.8096



79.3160, 76.0981, 111.8494



81.8476, 76.0981, 64.9339

Rectangle

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



65.7648, 76.0981, 59.3663



61.5648, 76.0981, 80.9274



79.3160, 76.0981, 111.8494



84.2799, 76.0981, 84.8188

Sweetspot

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



65.7668, 76.1014, 59.3679



90.1708, 97.7580, 96.3213



65.5439, 66.5033, 57.5271



19.1903, 20.8736, 20.3368



0.0000, 0.0000, 0.0000



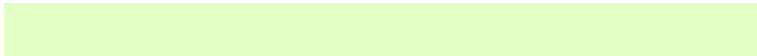
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7668, 76.1014, 59.3679



77.8656, 92.0706, 66.1011



59.8627, 73.0577, 59.0916



15.6535, 17.2669, 16.0265



21.6515, 35.7063, 5.7508



1.8108, 2.8609, 0.4568

Inverse Universe

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



59.2031, 55.8358, 84.7519



68.3044, 62.5480, 103.0807



65.7990, 59.2361, 85.0606



14.8817, 14.8843, 19.0109



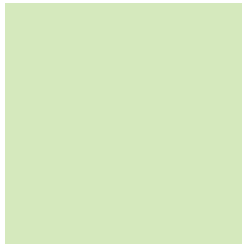
11.8521, 5.1459, 44.1115



1.0403, 0.4606, 3.4689

Previews

White Background



This preview shows how the XYZ color 65.7648, 76.0981, 59.3663 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 65.7648, 76.0981, 59.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

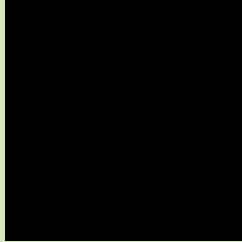
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

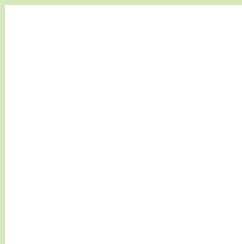
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7648, 76.0981, 59.3663

Background



This preview shows how black text looks on a background with the XYZ color 65.7648, 76.0981, 59.3663.

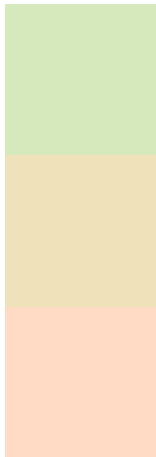


This preview shows how white text looks on a background with the XYZ color 65.7648, 76.0981,

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

65.7648, 76.0981, 59.3663

Protanopia

71.2788, 75.7039, 56.7545

Deuteranopia

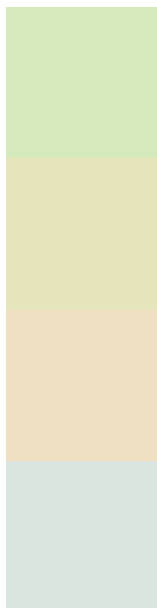
76.6496, 75.9543, 63.4441



Tritanopia

73.1928, 76.2359, 95.6514

Trichromacy



Original Color

65.7648, 76.0981, 59.3663

Protanomaly

69.2395, 75.8550, 57.4465

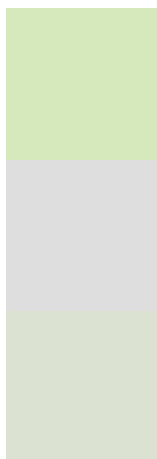
Deuteranomaly

72.3284, 75.7316, 61.8445

Tritanomaly

70.2520, 76.2718, 80.8313

Monochromacy



Original Color

65.7648, 76.0981, 59.3663

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.0426, 74.1059, 71.6904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7648, 76.0981, 59.3663 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(213, 233, 189)` looks like.

```
.text, #text, p{  
    color:rgb(213, 233, 189)  
}
```

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(213, 233, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 233, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.7648, 76.0981, 59.3663 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(213, 233, 189) }
```


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

```
.border{ border-color:rgb(213, 233, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 233, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 233, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 233, 189); box-shadow:4px 4px 4px 4px rgb(213, 233, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7648, 76.0981, 59.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 233, 189) }
```

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

```
.background{ background-color: rgb(213,  
233, 189) }
```

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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