

Converting Colors

XYZ(65.4730, 72.8965, 69.2121)

Have a look what the booklet for
XYZ(65.4730, 72.8965, 69.2121)
contains.

XYZ(65.4883, 72.8460, 69.0016)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.4883, 72.8460,
69.0016)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E2CE
RGB	212, 226, 206
RGB Percent	83%, 89%, 81%
CMY	0.1686, 0.1137, 0.1922
CMYK	0.06, 0.00, 0.09, 0.11
HSL	102°, 26%, 85%
HSV	102°, 9%, 89%
XYZ	65.4883, 72.8460, 69.0016
YIQ	219.5340, -1.9240, -9.1880

Conversions

Conversions Part 2

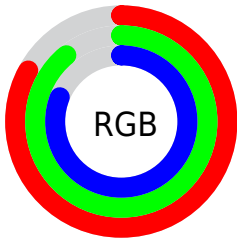
Format	Color
RYB	206, 226, 220
Decimal	13951694
CIELab	88.37, -8.27, 8.17
CIElCh	88, 11.624, 135.371
Yxy	72.8460, 0.3159, 0.3513
Android (android.graphics.Color)	4292141774 (0xFFD4E2CE)
YUV	219.5340, -6.6723, -6.6073
Hunter-Lab	85.3499, -12.4006, 11.8116

Details

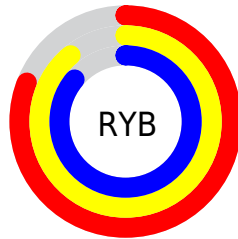
The XYZ color **65.4883, 72.8460, 69.0016** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3169, 64.8513, 81.0303**, and the grayscale version is **67.7505, 71.2788, 77.6226**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1350, 38.5609, 35.3497** is the 20% darker color. If you saturate the color by 10%, you get **58.5984, 69.5910, 55.3629**, and if you desaturate by 10%, it is **73.2241, 76.4956, 84.7437**.

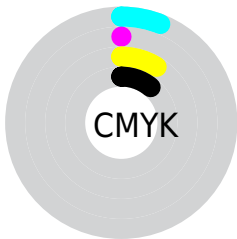
Distribution



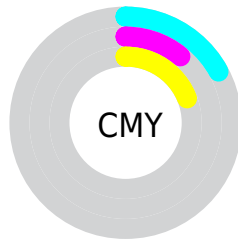
- Red (83%)
- Green (89%)
- Blue (81%)



- Red (81%)
- Yellow (89%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4883, 72.8460, 69.0016 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 65.4883, 72.8460, 69.0016 by changing the saturation by 10% instead.

65.4883, 72.8460,
69.0016

65.4883, 72.8460,
69.0016

434.0622,
470.4809, 475.7307

48.1233, 53.8500,
50.2412

111.8134,
123.2586, 119.4516

34.1362, 38.4818,
35.2326

141.5042,
155.4440, 151.9783

23.1616, 26.3568,
23.5571

176.0343,
192.7946, 189.9309

14.8343, 17.0908,
14.7963

215.7691,
235.6950, 233.7279

8.7887, 10.2992,
8.5315

261.0740,
284.5294, 283.7878

4.6596, 5.5978,
4.3443

312.3142,

2.0817, 2.6021,

339.6822, 340.5292

1.8160

369.8551,
401.5379, 404.3707

■ 0.6792, 0.9277,
0.4385

■ 0.0000, 0.0000,
0.0000

■ 65.4883, 72.8460,
69.0016

■ 65.4883, 72.8460,
69.0016

■ 58.5984, 69.5910,
55.3629

■ 73.2241, 76.4956,
84.7437

■ 52.5188, 66.7080,
43.7340

■ 81.8277, 80.5432,
102.6681

■ 47.2202, 64.1859,
34.0211

■ 86.4878, 82.8756,
106.0459

■ 42.6690, 62.0098,
26.1213

■ 38.8291, 60.1635,
19.9219

■ 35.6612, 58.6295,
15.2976

■ 33.1216, 57.3883,
12.1059

■ 31.1603, 56.4178,
10.1783

■ 29.7092, 55.6886,
9.2577

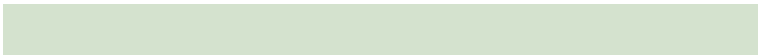
Harmonies

Analogous

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



67.8251, 72.8460, 65.4003



65.4883, 72.8460, 69.0016



64.1738, 72.8460, 75.4979

Triad

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



65.4883, 72.8460, 69.0016



67.8913, 72.8460, 95.1378



74.5428, 72.8460, 75.3121

Complementary

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



65.4883, 72.8460, 69.0016



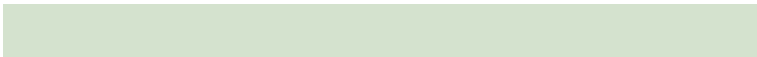
65.3169, 64.8513, 81.0303

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.



74.5617, 72.8460, 83.2625



65.4883, 72.8460, 69.0016



70.6703, 72.8460, 95.0797

Square

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



65.4883, 72.8460, 69.0016



65.5356, 72.8460, 90.7660



73.1280, 72.8460, 90.6122



73.0771, 72.8460, 68.8735

Rectangle

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



65.4883, 72.8460, 69.0016



64.0309, 72.8460, 80.7643



73.1280, 72.8460, 90.6122



74.7199, 72.8460, 77.8869

Sweetspot

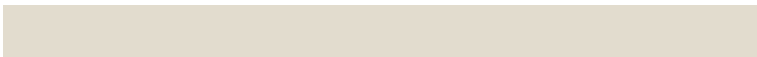
The Sweet Spot groups the original color and five complimentary colors.



65.4903, 72.8491, 69.0032



91.8996, 98.5154, 102.4509



68.1008, 71.8145, 68.6659



19.4938, 21.0031, 21.5691



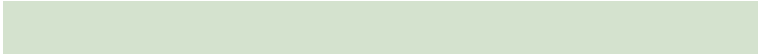
0.0000, 0.0000, 0.0000



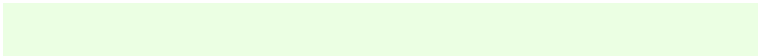
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4903, 72.8491, 69.0032



83.9991, 94.7873, 86.5054



64.2850, 72.1709, 71.5165



13.9133, 15.5355, 14.5721



16.9717, 31.7818, 5.2400



1.2649, 2.2486, 0.3673

Inverse Universe

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



65.3169, 64.8513, 81.0303



83.7178, 81.8300, 105.9901



66.6228, 65.5872, 78.2587



13.8739, 13.7185, 17.3044



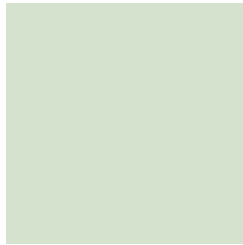
16.0255, 7.3568, 41.6237



1.1999, 0.5558, 2.8893

Previews

White Background



This preview shows how the XYZ color 65.4883, 72.8460, 69.0016 looks on a white background.

Color Contrast Check

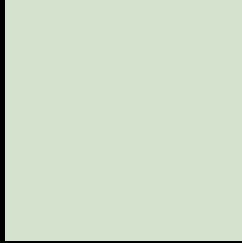
Large Text (above 18pt) WCAG AA × Fail

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 65.4883, 72.8460, 69.0016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

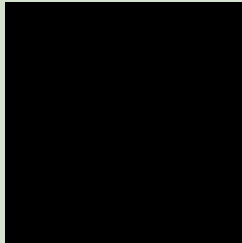
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

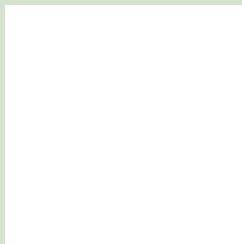
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4883, 72.8460, 69.0016

Background



This preview shows how black text looks on a background with the XYZ color 65.4883, 72.8460, 69.0016.



This preview shows how white text looks on a background with the XYZ color 65.4883, 72.8460,

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

65.4883, 72.8460, 69.0016

Protanopia

69.2691, 72.8477, 66.9101

Deuteranopia

74.1431, 72.6037, 69.7807



Tritanopia

70.0517, 72.6966, 92.0011

Trichromacy



Original Color

65.4883, 72.8460, 69.0016

Protanomaly

67.7182, 72.8230, 67.6138

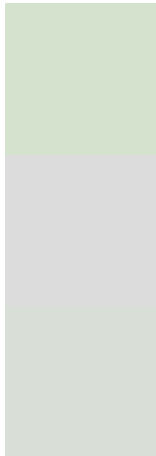
Deuteranomaly

70.5948, 72.3100, 69.2680

Tritanomaly

68.2771, 72.7685, 83.1202

Monochromacy



Original Color

65.4883, 72.8460, 69.0016

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.0023, 71.9006, 74.6368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4883, 72.8460, 69.0016 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, 226, 206) looks like.

```
.text, #text, p{  
    color:rgb(212, 226, 206)  
}
```

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, 226, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 226, 206) }
```

Border

The CSS property to change the border of an element to XYZ 65.4883, 72.8460, 69.0016 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, 226, 206) }
```


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

```
.border{ border-color:rgb(212, 226, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 226, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 226, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 226, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 226,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4883, 72.8460, 69.0016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 226, 206) }
```

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

```
.background{ background-color: rgb(212,  
226, 206) }
```

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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