

Converting Colors

XYZ(65.7910, 68.4243, 75.9890)

Have a look what the booklet for
XYZ(65.7910, 68.4243, 75.9890)
contains.

XYZ(65.8688, 68.5683, 76.0930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(65.8688, 68.5683,
76.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD7DA
RGB	218, 215, 218
RGB Percent	85%, 84%, 85%
CMY	0.1451, 0.1568, 0.1451
CMYK	0.00, 0.01, 0.00, 0.15
HSL	300°, 4%, 85%
HSV	300°, 1%, 85%
XYZ	65.8688, 68.5683, 76.0930
YIQ	216.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

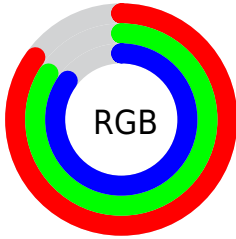
Format	Color
RYB	218, 215, 218
Decimal	14342106
CIELab	86.29, 1.57, -1.12
CIELCh	86, 1.926, 324.375
Yxy	68.5683, 0.3129, 0.3257
Android (android.graphics.Color)	4292532186 (0xFFDAD7DA)
YUV	216.2390, 0.8682, 1.5444
Hunter-Lab	82.8060, -2.9209, 3.4808

Details

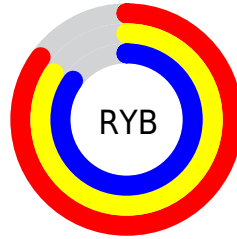
The XYZ color **65.8688, 68.5683, 76.0930** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3641, 69.4980, 74.2629**, and the grayscale version is **65.4287, 68.8361, 74.9625**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2859, 35.5725, 39.7094** is the 20% darker color. If you saturate the color by 10%, you get **60.6843, 58.1984, 74.3656**, and if you desaturate by 10%, it is **71.7969, 80.4234, 78.0699**.

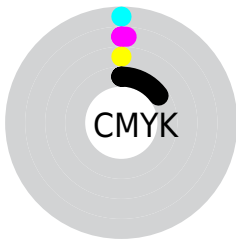
Distribution



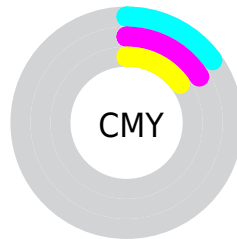
- Red (85%)
- Green (84%)
- Blue (85%)



- Red (85%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8688, 68.5683, 76.0930 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 65.8688, 68.5683, 76.0930 by changing the saturation by 10% instead.

■ 65.8688, 68.5683,
76.0930

■ 65.8688, 68.5683,
76.0930

435.4036,
455.5069, 501.0213

■ 48.4332, 50.3602,
56.0017

112.3568,
117.1648, 129.6197

■ 34.3828, 35.6997,
39.8002

142.1399,
148.3219, 163.8920

■ 23.3521, 24.2024,
27.0702

176.7695,
184.5643, 203.7285

■ 14.9758, 15.4838,
17.3931

216.6111,
226.2761, 249.5476

■ 8.8886, 9.1596,
10.3502

262.0299,
273.8419, 301.7679

■ 4.7251, 4.8454,
5.5232

313.3914,

■ 2.1200, 2.1569,

327.6461, 360.8080

2.4933

371.0608,
388.0729, 427.0862

■ 0.7001, 0.6963,
0.8366

■ 0.0000, 0.0000,
0.0000

■ 65.8688, 68.5683,
76.0930

■ 65.8688, 68.5683,
76.0930

■ 60.6843, 58.1984,
74.3656

■ 71.7969, 80.4234,
78.0699

■ 56.2085, 49.2467,
72.8736

■ 77.3290, 91.4877,
79.9141

■ 52.4123, 41.6544,
71.6081

■ 77.3290, 91.4877,
79.9142

■ 49.2626, 35.3551,
70.5581

■ 77.3290, 91.4877,
79.9143

46.7234, 30.2767,
69.7116

77.3291, 91.4877,
79.9143

44.7551, 26.3401,
69.0554

77.3291, 91.4877,
79.9144

43.3135, 23.4570,
68.5748

77.3291, 91.4877,
79.9145

42.3482, 21.5263,
68.2530

77.3291, 91.4877,
79.9146

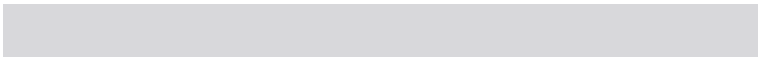
41.7984, 20.4268,
68.0696

77.3291, 91.4877,
79.9147

Harmonies

Analogous

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



65.5252, 68.5683, 76.9094



65.8688, 68.5683, 76.0930



66.0258, 68.5683, 74.8992

Triad

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



65.8688, 68.5683, 76.0930



65.2559, 68.5683, 72.2514



64.3973, 68.5683, 75.6733

Complementary

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



65.8688, 68.5683, 76.0930



65.3641, 69.4980, 74.2629

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.



64.3259, 68.5683, 74.4198



65.8688, 68.5683, 76.0930



64.8203, 68.5683, 72.4534

Square

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



65.8688, 68.5683, 76.0930



65.6708, 68.5683, 72.6886



64.4804, 68.5683, 73.2436



64.6759, 68.5683, 76.6651

Rectangle

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



65.8688, 68.5683, 76.0930



66.0029, 68.5683, 74.0536



64.4804, 68.5683, 73.2436



64.3483, 68.5683, 75.2681

Sweetspot

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



65.8708, 68.5712, 76.0945

95.0500, 100.0000, 108.9000



64.9827, 68.1135, 76.0529



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



65.8708, 68.5712, 76.0945



93.4445, 96.7891, 108.3648



65.6755, 68.4932, 75.0665



14.4879, 15.0217, 16.7880



24.9037, 11.9625, 40.7343



1.6134, 0.7750, 2.6390

Inverse Universe

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



65.8708, 68.5712, 76.0945



93.4445, 96.7891, 108.3648



65.5575, 69.5754, 75.2816



14.4879, 15.0217, 16.7880



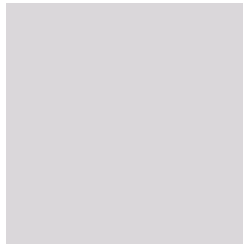
24.9037, 11.9625, 40.7343



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 65.8688, 68.5683, 76.0930 looks on a white background.

Color Contrast Check

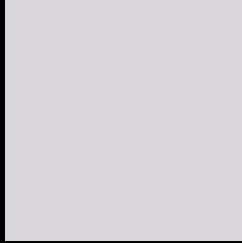
Large Text (above 18pt) WCAG AA × Fail

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 65.8688, 68.5683, 76.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

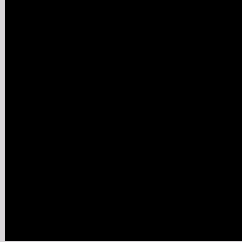
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

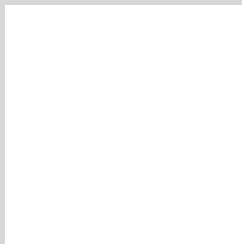
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8688, 68.5683, 76.0930

Background



This preview shows how black text looks on a background with the XYZ color 65.8688, 68.5683, 76.0930.

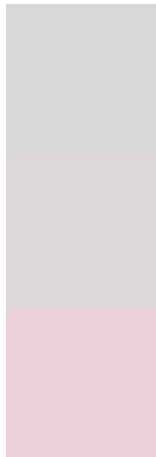


This preview shows how white text looks on a background with the XYZ color 65.8688, 68.5683,

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

65.8688, 68.5683, 76.0930

Protanopia

66.1687, 68.7229, 76.1070

Deuteranopia

69.8476, 68.3776, 76.5347



Tritanopia

67.5924, 68.5173, 84.5256

Trichromacy



Original Color

65.8688, 68.5683, 76.0930

Protanomaly

66.1687, 68.7229, 76.1070

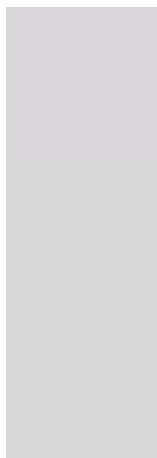
Deuteranomaly

68.3935, 68.3610, 76.6081

Tritanomaly

66.9875, 68.6442, 81.6705

Monochromacy



Original Color

65.8688, 68.5683, 76.0930

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.6955, 68.8732, 75.4770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8688, 68.5683, 76.0930 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(218, 215, 218) looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 218)  
}
```

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(218, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 218) }
```

Border

The CSS property to change the border of an element to XYZ 65.8688, 68.5683, 76.0930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

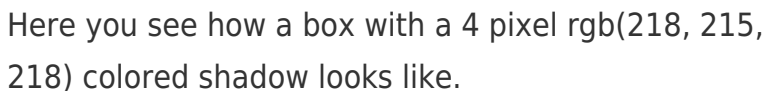
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 215, 218) }
```

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

```
.border{ border-color:rgb(218, 215, 218) }
```

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



Here you see how a box with a 4 pixel rgb(218, 215, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
218) }
```


Background

The CSS property to change the background color of an element to XYZ 65.8688, 68.5683, 76.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 218) }
```

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

```
.background{ background-color: rgb(218,  
215, 218) }
```

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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