

Converting Colors

XYZ(65.5811, 68.4553, 78.6706)

Have a look what the booklet for
XYZ(65.5811, 68.4553, 78.6706)
contains.

XYZ(65.5096, 68.3219, 78.8420)	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(65.5096, 68.3219,
78.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D7DE
RGB	215, 215, 222
RGB Percent	84%, 84%, 87%
CMY	0.1569, 0.1568, 0.1294
CMYK	0.03, 0.03, 0.00, 0.13
HSL	240°, 10%, 86%
HSV	240°, 3%, 87%
XYZ	65.5096, 68.3219, 78.8420
YIQ	215.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

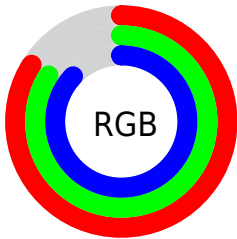
Format	Color
R _Y B	215, 215, 222
Decimal	14145502
CIE Lab	86.17, 1.29, -3.45
CIE LCh	86, 3.678, 290.505
Yxy	68.3219, 0.3080, 0.3213
Android (android.graphics.Color)	4292335582 (0xFFD7D7DE)
YUV	215.7980, 3.0576, -0.6998
Hunter-Lab	82.6571, -3.1802, 1.3065

Details

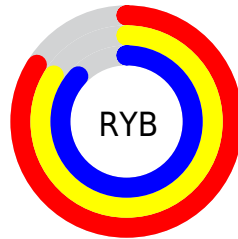
The XYZ color **65.5096, 68.3219, 78.8420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5113, 72.6777, 74.7083**, and the grayscale version is **65.1154, 68.5065, 74.6036**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0431, 35.4052, 41.5988** is the 20% darker color. If you saturate the color by 10%, you get **54.1561, 54.6442, 76.8014**, and if you desaturate by 10%, it is **78.5178, 83.9940, 81.1825**.

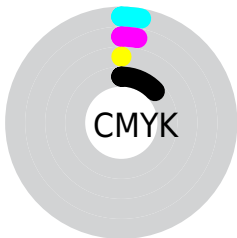
Distribution



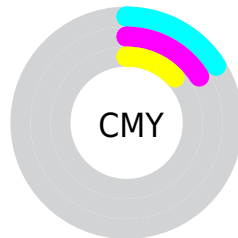
- Red (84%)
- Green (84%)
- Blue (87%)



- Red (84%)
- Yellow (84%)
- Blue (87%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5096, 68.3219, 78.8420 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 65.5096, 68.3219, 78.8420 by changing the saturation by 10% instead.

■ 65.5096, 68.3219,
78.8420

■ 65.5096, 68.3219,
78.8420

434.1373,
454.6357, 510.6252

■ 48.1406, 50.1597,
58.2454

111.8438,
116.8125, 133.5331

■ 34.1500, 35.5403,
41.5899

141.5398,
147.9097, 168.4646

■ 23.1723, 24.0794,
28.4572

176.0755,
184.0873, 209.0114

■ 14.8422, 15.3925,
18.4285

215.8163,
225.7297, 255.5922

■ 8.7943, 9.0953,
11.0855

261.1275,
273.2214, 308.6254

■ 4.6633, 4.8034,
6.0095

312.3745,

■ 2.0838, 2.1324,

326.9467, 368.5296

2.7819

369.9227,
387.2900, 435.7234

■ 0.6804, 0.6827,
0.9844

■ 0.0000, 0.0000,
0.0000

■ 65.5096, 68.3219,
78.8420

■ 65.5096, 68.3219,
78.8420

■ 54.1561, 54.6442,
76.8014

■ 78.5178, 83.9940,
81.1825

■ 44.3855, 42.8725,
75.0442

■ 90.1850, 98.0540,
83.2814

■ 36.1293, 32.9251,
73.5593

■ 29.3117, 24.7106,
72.3330

■ 23.8505, 18.1300,
71.3507

■ 19.6551, 13.0743,
70.5960

■ 16.6238, 9.4209,
70.0506

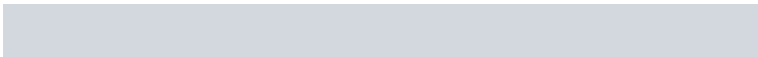
■ 14.6395, 7.0289,
69.6934

■ 13.5605, 5.7276,
69.4991

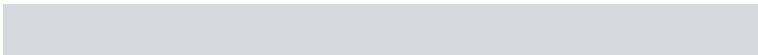
Harmonies

Analogous

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



64.6698, 68.3219, 79.0828



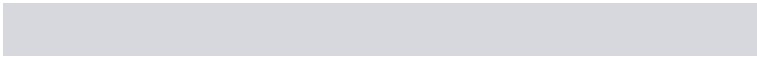
65.5096, 68.3219, 78.8420



66.2018, 68.3219, 77.3946

Triad

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



65.5096, 68.3219, 78.8420



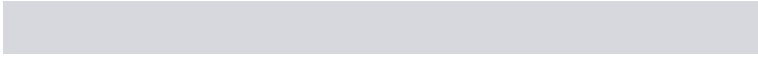
65.9784, 68.3219, 70.8522



63.3461, 68.3219, 73.6248

Complementary

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



65.5096, 68.3219, 78.8420



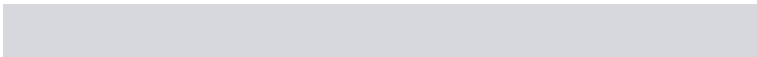
68.5113, 72.6777, 74.7083

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.



63.6903, 68.3219, 71.4661



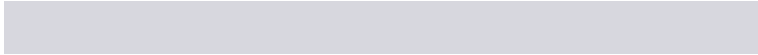
65.5096, 68.3219, 78.8420



65.2067, 68.3219, 69.8884

Square

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



65.5096, 68.3219, 78.8420



66.4740, 68.3219, 72.7704



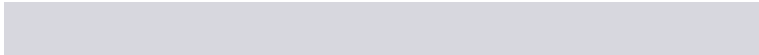
64.3696, 68.3219, 70.1106



63.4256, 68.3219, 76.0354

Rectangle

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



65.5096, 68.3219, 78.8420



66.4840, 68.3219, 75.9571



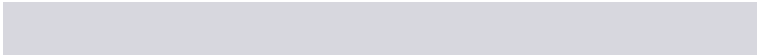
64.3696, 68.3219, 70.1106



63.4160, 68.3219, 72.8464

Sweetspot

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



65.5116, 68.3248, 78.8435



93.3104, 97.9042, 108.5872



67.3159, 71.9584, 79.3678



19.9906, 20.9776, 23.2454



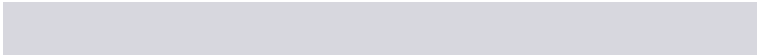
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



65.5116, 68.3248, 78.8435



88.2300, 91.7835, 107.6735



66.5145, 68.8405, 78.8902



14.1654, 14.7055, 17.4795



7.8325, 3.1346, 41.2406



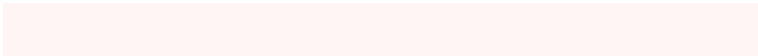
0.5431, 0.2177, 2.8586

Inverse Universe

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



66.6919, 69.0381, 74.1041



90.2836, 93.0245, 99.4274



67.4863, 72.1507, 74.6606



14.5551, 14.9410, 15.9146



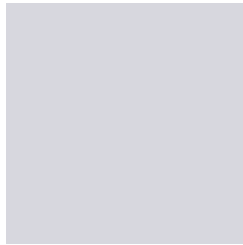
17.8937, 9.2245, 0.8400



1.2404, 0.6394, 0.0588

Previews

White Background



This preview shows how the XYZ color 65.5096, 68.3219, 78.8420 looks on a white background.

Color Contrast Check

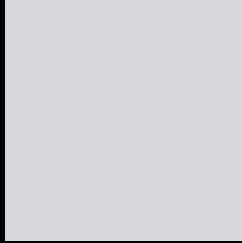
Large Text (above 18pt) WCAG AA × Fail

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 65.5096, 68.3219, 78.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

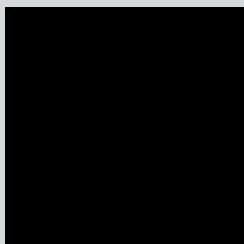
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

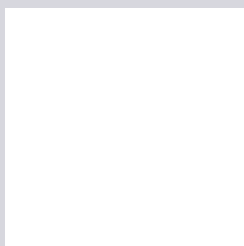
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5096, 68.3219, 78.8420

Background



This preview shows how black text looks on a background with the XYZ color 65.5096, 68.3219, 78.8420.

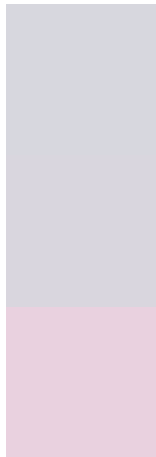


This preview shows how white text looks on a background with the XYZ color 65.5096, 68.3219,

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

65.5096, 68.3219, 78.8420

Protanopia

65.8467, 68.1188, 78.7850

Deuteranopia

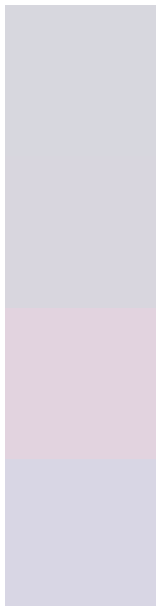
69.7240, 68.2523, 79.3112



Tritanopia

66.7893, 68.4616, 85.2955

Trichromacy



Original Color

65.5096, 68.3219, 78.8420

Protanomaly

65.5503, 67.9660, 78.7711

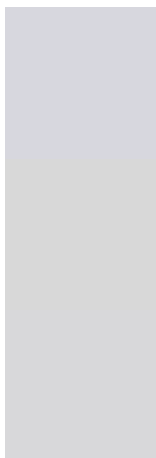
Deuteranomaly

67.9776, 68.0850, 79.3710

Tritanomaly

66.3691, 68.2935, 83.0827

Monochromacy



Original Color

65.5096, 68.3219, 78.8420

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5297, 68.7726, 76.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5096, 68.3219, 78.8420 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(215, 215, 222) looks like.

```
.text, #text, p{  
    color:rgb(215, 215, 222)  
}
```

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(215, 215, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 215, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.5096, 68.3219, 78.8420 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(215, 215, 222) }
```


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

```
.border{ border-color:rgb(215, 215, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 215, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 215, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 215, 222);  
box-shadow:4px 4px 4px 4px rgb(215, 215,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5096, 68.3219, 78.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 215, 222) }
```

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

```
.background{ background-color: rgb(215,  
215, 222) }
```

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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