

Converting Colors

XYZ(65.5830, 64.0658, 75.6487)

Have a look what the booklet for
XYZ(65.5830, 64.0658, 75.6487)
contains.

XYZ(65.5061, 63.9951, 75.9176)	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(65.5061, 63.9951,
75.9176)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CBDB
RGB	226, 203, 219
RGB Percent	89%, 80%, 86%
CMY	0.1137, 0.2039, 0.1412
CMYK	0.00, 0.10, 0.03, 0.11
HSL	318°, 28%, 84%
HSV	318°, 10%, 89%
XYZ	65.5061, 63.9951, 75.9176
YIQ	211.7010, 8.5720, 9.8520

Conversions

Conversions Part 2

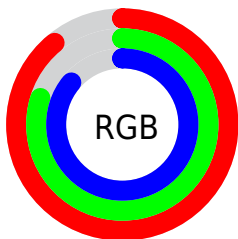
Format	Color
R _Y B	226, 203, 219
Decimal	14863323
CIE Lab	83.96, 10.78, -5.00
CIE LCh	84, 11.882, 335.132
Yxy	63.9951, 0.3189, 0.3115
Android (android.graphics.Color)	4293053403 (0xFFE2CBDB)
YUV	211.7010, 3.5984, 12.5402
Hunter-Lab	79.9969, 6.1714, -0.2687

Details

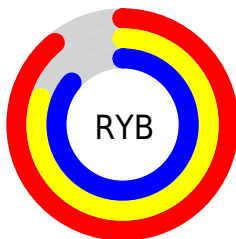
The XYZ color **65.5061, 63.9951, 75.9176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4602, 71.7440, 71.4793**, and the grayscale version is **62.3553, 65.6026, 71.4412**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2429, 32.8332, 39.6546** is the 20% darker color. If you saturate the color by 10%, you get **59.6666, 53.7350, 69.5953**, and if you desaturate by 10%, it is **72.1647, 75.8318, 82.6992**.

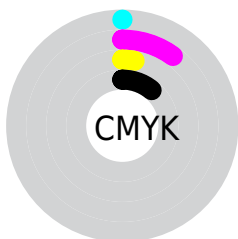
Distribution



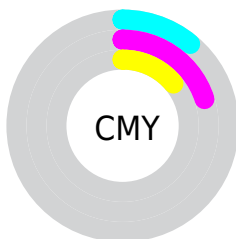
- Red (89%)
- Green (80%)
- Blue (86%)



- Red (89%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5061, 63.9951, 75.9176 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 65.5061, 63.9951, 75.9176 by changing the saturation by 10% instead.

65.5061, 63.9951,
75.9176

65.5061, 63.9951,
75.9176

434.1250,
439.1719, 500.4049

48.1378, 46.6467,
55.8587

111.8388,
110.6039, 129.3694

34.1477, 32.7564,
39.6864

141.5340,
140.6331, 163.5995

23.1705, 21.9399,
26.9822

176.0687,
175.6579, 203.3903

14.8409, 13.8128,
17.3275

215.8085,
216.0629, 249.1604

8.7934, 7.9906,
10.3039

261.1187,
262.2324, 301.3284

4.6627, 4.0889,
5.4927

312.3646,

2.0834, 1.7234,

314.5509, 360.3128

2.4754

369.9116,
373.4026, 426.5321

■ 0.6802, 0.4388,
0.8271

■ 0.0000, 0.0000,
0.0000

■ 65.5061, 63.9951,
75.9176

■ 65.5061, 63.9951,
75.9176

■ 59.6666, 53.7350,
69.5953

■ 72.1647, 75.8318,
82.6992

■ 54.6068, 44.9757,
63.7145

■ 79.6687, 89.2997,
89.9487

■ 50.2920, 37.6482,
58.2623

■ 82.7990, 93.9588,
95.9293

■ 46.6829, 31.6742,
53.2233

■ 83.8387, 94.3746,
101.4040

■ 43.7362, 26.9682,
48.5808

■ 84.9175, 94.8062,
107.0849

■ 41.4040, 23.4349,
44.3164

■ 85.1744, 94.9089,
108.4378

■ 39.6314, 20.9652,
40.4092

■ 38.3531, 19.4297,
36.8353

■ 37.4680, 18.6104,
33.6090

Harmonies

Analogous

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



63.7674, 63.9951, 82.1429



65.5061, 63.9951, 75.9176



65.9762, 63.9951, 68.3986

Triad

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



65.5061, 63.9951, 75.9176



60.3764, 63.9951, 56.2891



56.8022, 63.9951, 78.3064

Complementary

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



65.5061, 63.9951, 75.9176



63.4602, 71.7440, 71.4793

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.



55.9499, 63.9951, 70.9769



65.5061, 63.9951, 75.9176



57.9754, 63.9951, 58.5457

Square

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



65.5061, 63.9951, 75.9176



62.9662, 63.9951, 57.4053



56.3732, 63.9951, 63.7934



58.7337, 63.9951, 83.5899

Rectangle

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



65.5061, 63.9951, 75.9176



65.4958, 63.9951, 63.7366



56.3732, 63.9951, 63.7934



56.3825, 63.9951, 75.9814

Sweetspot

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



65.5079, 63.9979, 75.9190



92.2852, 95.0667, 106.1400



61.6359, 61.8930, 80.6503



19.5983, 20.0730, 22.5625



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.



65.5079, 63.9979, 75.9190



84.5896, 81.4211, 98.1935



64.0581, 63.4180, 68.2844



14.1080, 13.8609, 16.3391



21.4304, 10.6392, 19.4641



1.5247, 0.7532, 1.5560

Inverse Universe

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



65.5079, 63.9979, 75.9190



84.5896, 81.4211, 98.1935



64.9315, 72.3325, 79.2270



14.1080, 13.8609, 16.3391



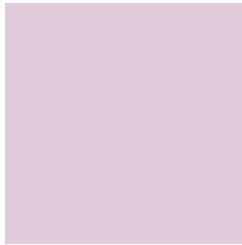
21.4304, 10.6392, 19.4641



1.5247, 0.7532, 1.5560

Previews

White Background



This preview shows how the XYZ color 65.5061, 63.9951, 75.9176 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 65.5061, 63.9951, 75.9176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

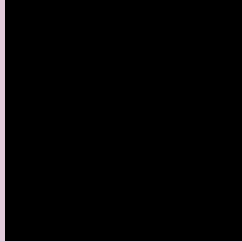
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5061, 63.9951, 75.9176

Background



This preview shows how black text looks on a background with the XYZ color 65.5061, 63.9951, 75.9176.



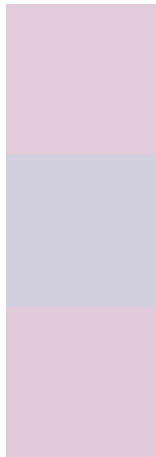
This preview shows how white text looks on a background with the XYZ color 65.5061, 63.9951,

75.9176.

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

65.5061, 63.9951, 75.9176

Protanopia

62.3190, 64.0873, 78.1928

Deuteranopia

65.1935, 63.8339, 75.9029



Tritanopia

65.5061, 63.9951, 75.9176

Trichromacy



Original Color

65.5061, 63.9951, 75.9176

Protanomaly

63.4414, 63.9620, 77.4088

Deuteranomaly

65.1935, 63.8339, 75.9029

Tritanomaly

65.5061, 63.9951, 75.9176

Monochromacy



Original Color

65.5061, 63.9951, 75.9176

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.6815, 65.2589, 73.5298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5061, 63.9951, 75.9176 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(226, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 219)  
}
```

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(226, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 219) }
```

Border

The CSS property to change the border of an element to XYZ 65.5061, 63.9951, 75.9176 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(226, 203, 219) }
```


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

```
.border{ border-color:rgb(226, 203, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(226, 203,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5061, 63.9951, 75.9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 203, 219) }
```

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

```
.background{ background-color: rgb(226,  
203, 219) }
```

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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