

Converting Colors

XYZ(65.5231, 63.4064, 77.4284)

Have a look what the booklet for
XYZ(65.5231, 63.4064, 77.4284)
contains.

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Color

**XYZ(65.3018, 63.1625,
77.1564)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C9DD
RGB	226, 201, 221
RGB Percent	89%, 79%, 87%
CMY	0.1137, 0.2117, 0.1333
CMYK	0.00, 0.11, 0.02, 0.11
HSL	312°, 30%, 84%
HSV	312°, 11%, 89%
XYZ	65.3018, 63.1625, 77.1564
YIQ	210.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

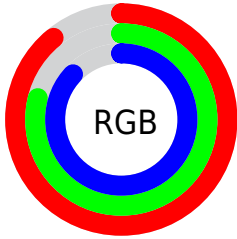
Format	Color
R _Y B	226, 201, 221
Decimal	14862813
CIE Lab	83.53, 12.20, -6.71
CIE LCh	84, 13.920, 331.196
Yxy	63.1625, 0.3176, 0.3072
Android (android.graphics.Color)	4293052893 (0xFFE2C9DD)
YUV	210.7550, 5.0508, 13.3699
Hunter-Lab	79.4748, 7.5865, -1.9280

Details

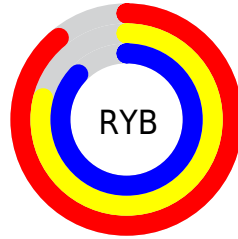
The XYZ color **65.3018, 63.1625, 77.1564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4267, 71.2681, 68.8618**, and the grayscale version is **61.7206, 64.9349, 70.7141**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1112, 32.2785, 40.5089** is the 20% darker color. If you saturate the color by 10%, you get **59.8225, 53.1540, 72.3987**, and if you desaturate by 10%, it is **71.5761, 74.7332, 82.2606**.

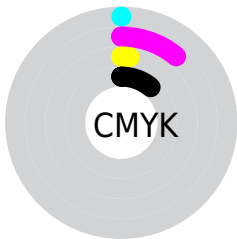
Distribution



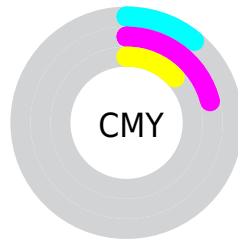
- Red (89%)
- Green (79%)
- Blue (87%)



- Red (89%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3018, 63.1625, 77.1564 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 65.3018, 63.1625, 77.1564 by changing the saturation by 10% instead.

65.3018, 63.1625,
77.1564

65.3018, 63.1625,
77.1564

433.4038,
436.1590, 504.7489

47.9714, 45.9727,
56.8689

111.5469,
109.4039, 131.1353

34.0154, 32.2243,
40.4914

141.1924,
139.2243, 165.6637

23.0684, 21.5329,
27.6052

175.6737,
174.0237, 205.7763

14.7650, 13.5141,
17.7918

215.3561,
214.1864, 251.8914

8.7399, 7.7835,
10.6327

260.6049,
260.0969, 304.4277

4.6276, 3.9567,
5.7094

311.7856,

2.0630, 1.6494,

312.1396, 363.8037

2.6033

369.2634,
370.6988, 430.4379

■ 0.6690, 0.3905,
0.8941

■ 0.0000, 0.0000,
0.0000

■ 65.3018, 63.1625,
77.1564

■ 65.3018, 63.1625,
77.1564

■ 59.8225, 53.1540,
72.3987

■ 71.5761, 74.7332,
82.2606

■ 55.0988, 44.6320,
67.9716

■ 78.6717, 87.9212,
87.7185

■ 51.0963, 37.5267,
63.8636

■ 82.0568, 93.6619,
92.0208

■ 47.7756, 31.7597,
60.0611

■ 82.7169, 93.9259,
95.4965

45.0935, 27.2448,
56.5489

83.3936, 94.1966,
99.0603

43.0018, 23.8857,
53.3104

84.0872, 94.4741,
102.7127

41.4452, 21.5721,
50.3265

84.7978, 94.7583,
106.4544

40.3578, 20.1723,
47.5744

85.1744, 94.9090,
108.4378

39.6838, 19.4967,
45.2769

Harmonies

Analogous

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



63.1121, 63.1625, 84.1059



65.3018, 63.1625, 77.1564



66.0682, 63.1625, 68.4246

Triad

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



65.3018, 63.1625, 77.1564



59.9122, 63.1625, 53.3609



55.1727, 63.1625, 77.8113

Complementary

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



65.3018, 63.1625, 77.1564



62.4267, 71.2681, 68.8618

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.



54.3790, 63.1625, 69.1230



65.3018, 63.1625, 77.1564



57.0578, 63.1625, 55.4274

Square

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



65.3018, 63.1625, 77.1564



62.8940, 63.1625, 55.1255



55.0575, 63.1625, 61.0204



57.2622, 63.1625, 84.5058

Rectangle

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



65.3018, 63.1625, 77.1564



65.6491, 63.1625, 62.8979



55.0575, 63.1625, 61.0204



54.7487, 63.1625, 75.0035

Sweetspot

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



65.3036, 63.1652, 77.1578



92.4125, 95.1176, 106.8102



60.0704, 60.3893, 80.4427



19.6328, 20.0868, 22.7438



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.



65.3036, 63.1652, 77.1578



84.3220, 80.2231, 100.1477



63.6996, 62.5236, 68.7111



14.1714, 13.8862, 16.6726



22.6827, 11.1401, 26.0583



1.6025, 0.7843, 1.9655

Inverse Universe

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



65.3036, 63.1652, 77.1578



84.3220, 80.2231, 100.1477



64.0063, 71.9000, 77.1795



14.1714, 13.8862, 16.6726



22.6827, 11.1401, 26.0583



1.6025, 0.7843, 1.9655

Previews

White Background



This preview shows how the XYZ color 65.3018, 63.1625, 77.1564 looks on a white background.

Color Contrast Check

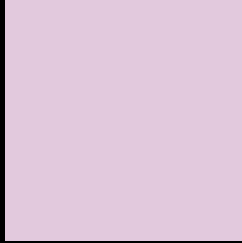
Large Text (above 18pt) WCAG AA × Fail

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 65.3018, 63.1625, 77.1564 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 65.3018, 63.1625, 77.1564

Background



This preview shows how black text looks on a background with the XYZ color 65.3018, 63.1625, 77.1564.



This preview shows how white text looks on a background with the XYZ color 65.3018, 63.1625,

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

65.3018, 63.1625, 77.1564

Protanopia

61.6356, 63.3273, 80.2090

Deuteranopia

64.6031, 63.1495, 77.1907



Tritanopia

64.6963, 63.2584, 74.4459

Trichromacy



Original Color

65.3018, 63.1625, 77.1564

Protanomaly

63.0174, 63.3406, 79.4256

Deuteranomaly

64.9121, 63.3088, 77.2052

Tritanomaly

64.8268, 63.3106, 75.1331

Monochromacy



Original Color

65.3018, 63.1625, 77.1564

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.8975, 64.1309, 73.3534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3018, 63.1625, 77.1564 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, 201, 221)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 221)  
}
```

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, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 221) }
```

Border

The CSS property to change the border of an element to XYZ 65.3018, 63.1625, 77.1564 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, 201, 221) }
```


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

```
.border{ border-color:rgb(226, 201, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 201, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 201, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 201, 221);  
box-shadow:4px 4px 4px 4px rgb(226, 201,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3018, 63.1625, 77.1564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 221) }
```

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

```
.background{ background-color: rgb(226,  
201, 221) }
```

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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