

Converting Colors

XYZ(61.1920, 57.6149, 77.4692)

Have a look what the booklet for
XYZ(61.1920, 57.6149, 77.4692)
contains.

XYZ(61.1635, 57.6494, 77.7158)	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(61.1635, 57.6494,
77.7158)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBFDF
RGB	219, 191, 223
RGB Percent	86%, 75%, 87%
CMY	0.1412, 0.2510, 0.1255
CMYK	0.02, 0.14, 0.00, 0.13
HSL	292°, 33%, 81%
HSV	292°, 14%, 87%
XYZ	61.1635, 57.6494, 77.7158
YIQ	203.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

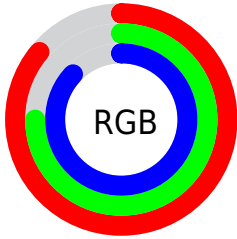
Format	Color
R _{YB}	219, 191, 223
Decimal	14401503
CIE Lab	80.54, 15.54, -12.28
CIE LCh	81, 19.805, 321.673
Yxy	57.6494, 0.3112, 0.2933
Android (android.graphics.Color)	4292591583 (0xFFDDBBFD)
YUV	203.0200, 9.8501, 14.0145
Hunter-Lab	75.9272, 10.9189, -7.5376

Details

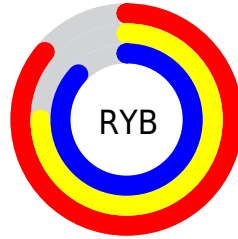
The XYZ color **61.1635, 57.6494, 77.7158** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.2994, 68.1405, 59.3729**, and the grayscale version is **56.7161, 59.6697, 64.9803**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **31.3234, 28.6110, 40.9173** is the 20% darker color. If you saturate the color by 10%, you get **55.8347, 48.2256, 76.1785**, and if you desaturate by 10%, it is **67.2502, 68.5663, 79.5030**.

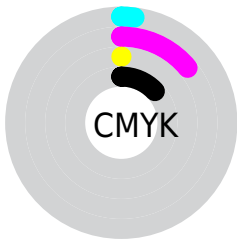
Distribution



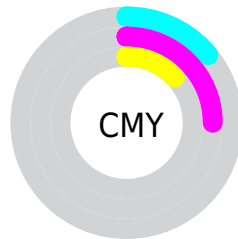
- Red (86%)
- Green (75%)
- Blue (87%)



- Red (86%)
- Yellow (75%)
- Blue (87%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1635, 57.6494, 77.7158 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 61.1635, 57.6494, 77.7158 by changing the saturation by 10% instead.

61.1635, 57.6494,
77.7158

61.1635, 57.6494,
77.7158

418.6396,
415.8783, 506.7034

44.6102, 41.5269,
57.3255

105.6124,
101.4121, 131.9316

31.3505, 28.7310,
40.8555

134.2387,
129.8211, 166.5942

21.0190, 18.8774,
27.8874

167.6200,
163.0943, 206.8513

13.2504, 11.5817,
18.0025

206.1217,
201.6162, 253.1215

7.6794, 6.4596,
10.7823

250.1092,
245.7712, 305.8233

3.9406, 3.1265,
5.8083

299.9477,

1.6686, 1.1981,

295.9436, 365.3751

2.6620

356.0028,
352.5178, 432.1957

■ 0.4365, 0.0602,
0.9242

■ 0.0000, 0.0000,
0.0000

■ 61.1635, 57.6494,
77.7158

■ 61.1635, 57.6494,
77.7158

■ 55.8347, 48.2256,
76.1785

■ 67.2502, 68.5663,
79.5030

■ 51.2252, 40.2205,
74.8764

■ 74.1209, 81.0312,
81.5469

■ 47.3008, 33.5649,
73.7985

■ 80.8731, 93.2380,
83.5471

■ 44.0222, 28.1805,
72.9320

■ 81.7614, 93.6959,
83.5887

41.3463, 23.9809,
72.2625

82.6640, 94.1613,
83.6310

39.2245, 20.8693,
71.7737

83.5810, 94.6340,
83.6739

37.6006, 18.7332,
71.4470

84.5125, 95.1142,
83.7175

36.4060, 17.4355,
71.2595

85.4584, 95.6018,
83.7617

35.8574, 16.9465,
71.1940

86.4190, 96.0970,
83.8067

Harmonies

Analogous

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



57.7345, 57.6494, 85.9796



61.1635, 57.6494, 77.7158



62.9053, 57.6494, 66.0714

Triad

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



61.1635, 57.6494, 77.7158



55.9348, 57.6494, 43.1082



47.8404, 57.6494, 71.4142

Complementary

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



61.1635, 57.6494, 77.7158



58.2994, 68.1405, 59.3729

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.



47.4118, 57.6494, 59.5813



61.1635, 57.6494, 77.7158



51.9552, 57.6494, 44.1659

Square

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



61.1635, 57.6494, 77.7158



59.7903, 57.6494, 46.7828



48.8829, 57.6494, 49.8755



50.0841, 57.6494, 82.0394

Rectangle

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



61.1635, 57.6494, 77.7158



62.8184, 57.6494, 58.3452



48.8829, 57.6494, 49.8755



47.4839, 57.6494, 67.4139

Sweetspot

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



61.1652, 57.6519, 77.7171



91.4144, 93.4228, 107.8221



54.3825, 55.5567, 77.6701



19.4243, 19.7398, 23.0363



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.



61.1652, 57.6519, 77.7171



80.7804, 74.3788, 104.7067



60.8554, 57.6686, 69.7289



14.1176, 13.8442, 17.3158



21.1495, 9.9983, 41.8635



1.5139, 0.7177, 2.9040

Inverse Universe

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



58.9146, 56.8923, 59.5087



77.2294, 73.1855, 75.7485



58.6233, 68.1523, 66.4006



13.7766, 13.7283, 14.5938



18.0380, 9.2822, 1.5997



1.2734, 0.6526, 0.2328

Previews

White Background



This preview shows how the XYZ color 61.1635, 57.6494, 77.7158 looks on a white background.

Color Contrast Check

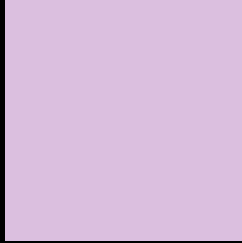
Large Text (above 18pt) WCAG AA × Fail

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 61.1635, 57.6494, 77.7158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

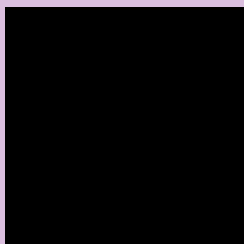
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1635, 57.6494, 77.7158

Background



This preview shows how black text looks on a background with the XYZ color 61.1635, 57.6494, 77.7158.



This preview shows how white text looks on a background with the XYZ color 61.1635, 57.6494,

77.7158.

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

61.1635, 57.6494, 77.7158

Protanopia

56.7034, 57.5917, 81.5265

Deuteranopia

58.9944, 57.8594, 77.1659



Tritanopia

59.1939, 57.4951, 68.2994

Trichromacy



Original Color

61.1635, 57.6494, 77.7158

Protanomaly

58.1444, 57.3586, 79.9583

Deuteranomaly

59.9172, 58.0036, 77.1451

Tritanomaly

59.9007, 57.4597, 71.5521

Monochromacy



Original Color

61.1635, 57.6494, 77.7158

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.3508, 59.0553, 69.2962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1635, 57.6494, 77.7158 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(219, 191, 223)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 223)  
}
```

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(219, 191, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.1635, 57.6494, 77.7158 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(219, 191, 223) }
```


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

```
.border{ border-color:rgb(219, 191, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 223);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1635, 57.6494, 77.7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 223) }
```

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

```
.background{ background-color: rgb(219,  
191, 223) }
```

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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