

Converting Colors

XYZ(61.3764, 63.2560, 77.3814)

Have a look what the booklet for
XYZ(61.3764, 63.2560, 77.3814)
contains.

XYZ(61.3764, 63.2560, 77.3814)	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(61.3764, 63.2560,
77.3814)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CFDD
RGB	208, 207, 221
RGB Percent	82%, 81%, 87%
CMY	0.1843, 0.1882, 0.1333
CMYK	0.06, 0.06, 0.00, 0.13
HSL	244°, 17%, 84%
HSV	244°, 6%, 87%
XYZ	61.3764, 63.2560, 77.3814
YIQ	208.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

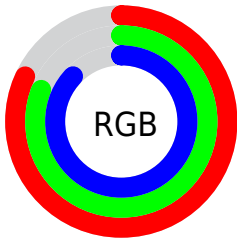
Format	Color
R _Y B	208, 207, 221
Decimal	13684701
CIE Lab	83.58, 2.96, -6.80
CIE LCh	84, 7.413, 293.554
Yxy	63.2560, 0.3038, 0.3131
Android (android.graphics.Color)	4291874781 (0xFFD0CFDD)
YUV	208.8950, 5.9678, -0.7849
Hunter-Lab	79.5336, -1.4348, -2.0120

Details

The XYZ color **61.3764, 63.2560, 77.3814** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6365, 71.4353, 69.3109**, and the grayscale version is **60.5016, 63.6524, 69.3175**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6006, 32.4057, 40.6658** is the 20% darker color. If you saturate the color by 10%, you get **50.9904, 50.5035, 75.4683**, and if you desaturate by 10%, it is **73.2624, 77.8977, 79.5821**.

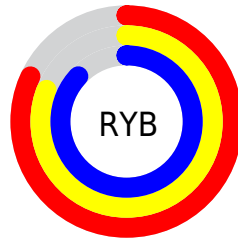
Distribution



Red (82%)

Green (81%)

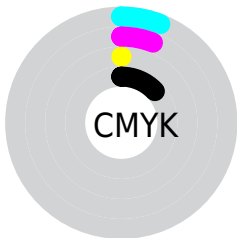
Blue (87%)



Red (82%)

Yellow (81%)

Blue (87%)

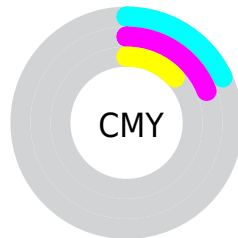


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (13%)



Cyan (18%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3764, 63.2560, 77.3814 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 61.3764, 63.2560, 77.3814 by changing the saturation by 10% instead.

■ 61.3764, 63.2560,
77.3814

■ 61.3764, 63.2560,
77.3814

419.4066,
436.4980, 505.5356

■ 44.7827, 46.0483,
57.0525

105.9188,
109.5388, 131.4556

■ 31.4868, 32.2840,
40.6378

134.5982,
139.3826, 166.0381

■ 21.1235, 21.5785,
27.7186

168.0368,
174.2074, 206.2088

■ 13.3273, 13.5475,
17.8764

206.6001,
214.3974, 252.3864

■ 7.7328, 7.8066,
10.6928

250.6534,
260.3371, 304.9893

■ 3.9748, 3.9715,
5.7491

300.5620,

■ 1.6879, 1.6576,

312.4108, 364.4361

2.6268

356.6913,
371.0030, 431.1454

■ 0.4487, 0.3960,
0.9062

■ 0.0000, 0.0000,
0.0000

■ 61.3764, 63.2560,
77.3814

■ 61.3764, 63.2560,
77.3814

■ 50.9904, 50.5035,
75.4683

■ 73.2624, 77.8977,
79.5821

■ 42.0395, 39.5555,
73.8269

■ 86.6988, 94.4928,
82.0770

■ 34.4621, 30.3331,
72.4461

■ 90.0513, 98.0005,
82.5774

■ 28.1902, 22.7480,
71.3126

■ 23.1497, 16.7043,
70.4118

■ 19.2594, 12.0962,
69.7274

■ 16.4281, 8.8044,
69.2412

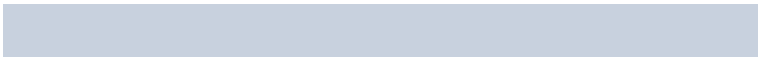
■ 14.5506, 6.6903,
68.9321

■ 13.4988, 5.5818,
68.7735

Harmonies

Analogous

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



59.7739, 63.2560, 78.1261



61.3764, 63.2560, 77.3814



62.6638, 63.2560, 74.3122

Triad

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



61.3764, 63.2560, 77.3814



61.9926, 63.2560, 61.9447



57.0803, 63.2560, 67.8782

Complementary

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



61.3764, 63.2560, 77.3814



66.6365, 71.4353, 69.3109

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.



57.6517, 63.2560, 63.7097



61.3764, 63.2560, 77.3814



60.4734, 63.2560, 60.3847

Square

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



61.3764, 63.2560, 77.3814



63.0240, 63.2560, 65.3710



58.8866, 63.2560, 61.0161



57.3122, 63.2560, 72.5021

Rectangle

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



61.3764, 63.2560, 77.3814



63.1604, 63.2560, 71.4319



58.8866, 63.2560, 61.0161



57.1844, 63.2560, 66.3799

Sweetspot

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



61.3782, 63.2587, 77.3828



91.7233, 95.9017, 108.2843



64.3960, 69.7089, 78.4688



19.6674, 20.5698, 23.1837



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.



61.3782, 63.2587, 77.3828



82.2536, 84.2498, 106.5343



63.3710, 64.2860, 77.4760



12.4241, 12.6613, 16.4412



7.7382, 3.1133, 39.9315



0.5321, 0.2176, 2.5884

Inverse Universe

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



65.0521, 65.1679, 76.8634



88.6509, 87.5746, 105.6173



64.5808, 70.3755, 69.2147



13.5723, 13.2580, 16.2748



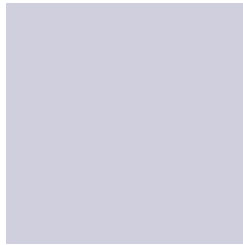
23.7597, 11.5049, 34.7100



1.5515, 0.7502, 2.3132

Previews

White Background



This preview shows how the XYZ color 61.3764, 63.2560, 77.3814 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 61.3764, 63.2560, 77.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

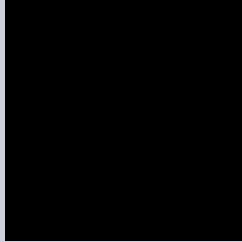
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3764, 63.2560, 77.3814

Background



This preview shows how black text looks on a background with the XYZ color 61.3764, 63.2560, 77.3814.

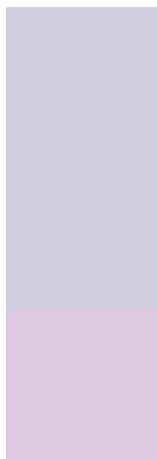


This preview shows how white text looks on a background with the XYZ color 61.3764, 63.2560,

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

61.3764, 63.2560, 77.3814

Protanopia

61.3764, 63.2560, 77.3814

Deuteranopia

64.4295, 63.0446, 77.8803



Tritanopia

61.6445, 63.3633, 78.7934

Trichromacy



Original Color

61.3764, 63.2560, 77.3814

Protanomaly

61.3764, 63.2560, 77.3814

Deuteranomaly

63.3930, 63.2114, 77.9671

Tritanomaly

61.5101, 63.3095, 78.0853

Monochromacy



Original Color

61.3764, 63.2560, 77.3814

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.8606, 63.4712, 71.9942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3764, 63.2560, 77.3814 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(208, 207, 221) looks like.

```
.text, #text, p{  
    color:rgb(208, 207, 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(208, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 207, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.3764, 63.2560, 77.3814 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(208, 207, 221) }
```


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

```
.border{ border-color:rgb(208, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(208, 207,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3764, 63.2560, 77.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 207, 221) }
```

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

```
.background{ background-color: rgb(208,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor