

Converting Colors

XYZ(60.6564, 61.8161, 77.1414)

Have a look what the booklet for
XYZ(60.6564, 61.8161, 77.1414)
contains.

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Color

**XYZ(60.6564, 61.8161,
77.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CCDD
RGB	208, 204, 221
RGB Percent	82%, 80%, 87%
CMY	0.1843, 0.2000, 0.1333
CMYK	0.06, 0.08, 0.00, 0.13
HSL	254°, 20%, 83%
HSV	254°, 8%, 87%
XYZ	60.6564, 61.8161, 77.1414
YIQ	207.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

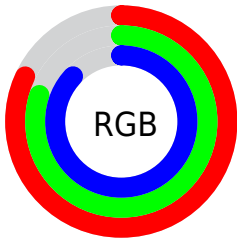
Format	Color
R _Y B	208, 204, 221
Decimal	13683933
CIE Lab	82.82, 4.55, -7.92
CIE LCh	83, 9.136, 299.853
Yxy	61.8161, 0.3039, 0.3097
Android (android.graphics.Color)	4291874013 (0xFFD0CCDD)
YUV	207.1340, 6.8359, 0.7595
Hunter-Lab	78.6232, 0.1189, -3.1363

Details

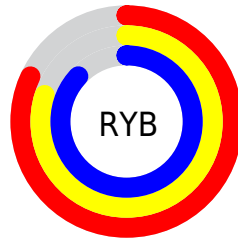
The XYZ color **60.6564, 61.8161, 77.1414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3732, 70.8260, 67.3551**, and the grayscale version is **59.3548, 62.4459, 68.0035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1157, 31.4359, 40.5042** is the 20% darker color. If you saturate the color by 10%, you get **51.2703, 49.7265, 75.3035**, and if you desaturate by 10%, it is **71.2980, 75.6627, 79.2541**.

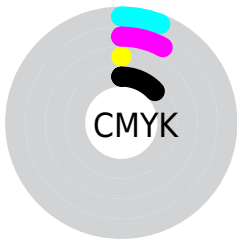
Distribution



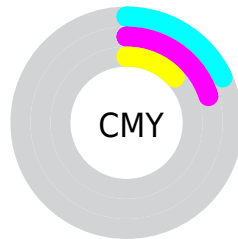
- Red (82%)
- Green (80%)
- Blue (87%)



- Red (82%)
- Yellow (80%)
- Blue (87%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6564, 61.8161, 77.1414 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 60.6564, 61.8161, 77.1414 by changing the saturation by 10% instead.

■ 60.6564, 61.8161,
77.1414

■ 60.6564, 61.8161,
77.1414

416.8091,
431.2600, 504.6965

■ 44.1994, 44.8841,
56.8567

104.8822,
107.4597, 131.1139

■ 31.0259, 31.3662,
40.4816

133.3817,
136.9401, 165.6388

■ 20.7705, 20.8778,
27.5976

166.6262,
171.3721, 205.7474

■ 13.0678, 13.0347,
17.7861

204.9808,
211.1401, 251.8584

■ 7.5526, 7.4525,
10.6287

248.8111,
256.6285, 304.3902

■ 3.8594, 3.7466,
5.7067

298.4823,

■ 1.6229, 1.5329,

308.2217, 363.7615

2.6017

354.3599,
366.3040, 430.3907

■ 0.4073, 0.3117,
0.8933

■ 0.0000, 0.0000,
0.0000

■ 60.6564, 61.8161,
77.1414

■ 60.6564, 61.8161,
77.1414

■ 51.2703, 49.7265,
75.3035

■ 71.2980, 75.6627,
79.2541

■ 43.0872, 39.3155,
73.7253

■ 83.2341, 91.3250,
81.6482

■ 36.0589, 30.5102,
72.3961

■ 90.0513, 98.0005,
82.5774

■ 30.1318, 23.2295,
71.3032

■ 25.2479, 17.3848,
70.4325

■ 21.3434, 12.8784,
69.7684

■ 18.3475, 9.6002,
69.2936

■ 16.1785, 7.4214,
68.9874

■ 14.7303, 6.1683,
68.8218

Harmonies

Analogous

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



58.7446, 61.8161, 78.7255



60.6564, 61.8161, 77.1414



62.0846, 61.8161, 72.8928

Triad

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



60.6564, 61.8161, 77.1414



60.6736, 61.8161, 58.3718



55.0543, 61.8161, 67.2794

Complementary

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



60.6564, 61.8161, 77.1414



65.3732, 70.8260, 67.3551

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.



55.5454, 61.8161, 62.0146



60.6564, 61.8161, 77.1414



58.7641, 61.8161, 57.0501

Square

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



60.6564, 61.8161, 77.1414



62.0947, 61.8161, 62.0602



56.8925, 61.8161, 58.3465



55.5360, 61.8161, 72.8419

Rectangle

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



60.6564, 61.8161, 77.1414



62.5550, 61.8161, 69.2329



56.8925, 61.8161, 58.3465



55.1109, 61.8161, 65.4176

Sweetspot

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



60.6582, 61.8187, 77.1428



92.0240, 96.0567, 108.2984



62.7765, 67.7026, 78.1668



19.7286, 20.6014, 23.1866



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.



60.6582, 61.8187, 77.1428



81.9950, 83.0428, 106.3150



63.1030, 63.0791, 77.2572



12.6239, 12.7642, 16.4505



8.4870, 3.4994, 39.9665



0.6265, 0.2662, 2.5928

Inverse Universe

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



63.9383, 63.5705, 74.5494



87.3039, 85.8787, 102.0917



62.9203, 69.5614, 67.2403



13.4766, 13.2197, 15.7711



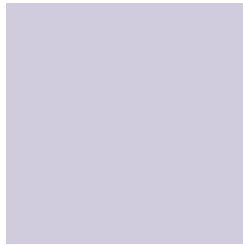
21.5301, 10.6131, 22.9692



1.4272, 0.7005, 1.6584

Previews

White Background



This preview shows how the XYZ color 60.6564, 61.8161, 77.1414 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 60.6564, 61.8161, 77.1414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

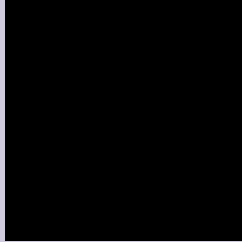
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6564, 61.8161, 77.1414

Background



This preview shows how black text looks on a background with the XYZ color 60.6564, 61.8161, 77.1414.

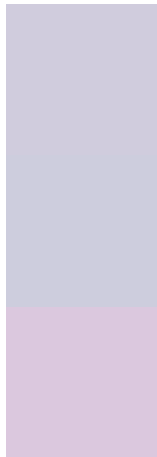


This preview shows how white text looks on a background with the XYZ color 60.6564, 61.8161,

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

60.6564, 61.8161, 77.1414

Protanopia

60.0593, 61.8622, 77.1818

Deuteranopia

63.0525, 61.6425, 77.6822



Tritanopia

60.5236, 61.7629, 76.4417

Trichromacy



Original Color

60.6564, 61.8161, 77.1414

Protanomaly

60.3361, 62.0049, 77.1947

Deuteranomaly

62.0958, 61.4943, 77.7040

Tritanomaly

60.5236, 61.7629, 76.4417

Monochromacy



Original Color

60.6564, 61.8161, 77.1414

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6871, 62.1615, 71.1399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6564, 61.8161, 77.1414 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, 204, 221) looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 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, 204, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.6564, 61.8161, 77.1414 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, 204, 221) }
```


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

```
.border{ border-color:rgb(208, 204, 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, 204, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 221);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6564, 61.8161, 77.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 221) }
```

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

```
.background{ background-color: rgb(208,  
204, 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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