

Converting Colors

XYZ(61.0045, 58.6494, 77.3870)

Have a look what the booklet for
XYZ(61.0045, 58.6494, 77.3870)
contains.

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Color

**XYZ(60.7955, 58.4564,
77.1862)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C2DE
RGB	216, 194, 222
RGB Percent	85%, 76%, 87%
CMY	0.1529, 0.2392, 0.1294
CMYK	0.03, 0.13, 0.00, 0.13
HSL	287°, 30%, 82%
HSV	287°, 13%, 87%
XYZ	60.7955, 58.4564, 77.1862
YIQ	203.7700, 4.1240, 13.3720

Conversions

Conversions Part 2

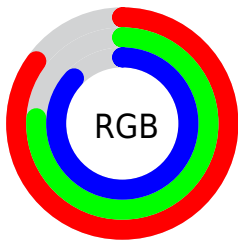
Format	Color
R _Y B	216, 194, 222
Decimal	14205662
CIE Lab	80.99, 12.74, -11.10
CIE LCh	81, 16.896, 318.923
Yxy	58.4564, 0.3095, 0.2976
Android (android.graphics.Color)	4292395742 (0xFFD8C2DE)
YUV	203.7700, 8.9874, 10.7257
Hunter-Lab	76.4568, 8.1370, -6.3359

Details

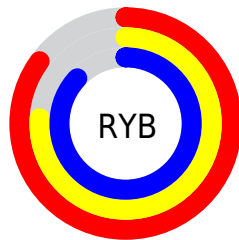
The XYZ color **60.7955, 58.4564, 77.1862** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.6804, 68.4185, 61.1024**, and the grayscale version is **57.1940, 60.1726, 65.5279**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **31.0511, 29.1233, 40.5440** is the 20% darker color. If you saturate the color by 10%, you get **54.8343, 48.5897, 75.5968**, and if you desaturate by 10%, it is **67.5389, 69.8252, 79.0261**.

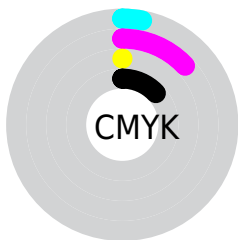
Distribution



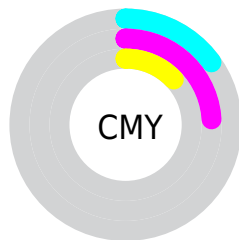
- Red (85%)
- Green (76%)
- Blue (87%)



- Red (85%)
- Yellow (76%)
- Blue (87%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7955, 58.4564, 77.1862 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 60.7955, 58.4564, 77.1862 by changing the saturation by 10% instead.

60.7955, 58.4564,
77.1862

60.7955, 58.4564,
77.1862

417.3117,
418.8844, 504.8532

44.3121, 42.1757,
56.8932

105.0826,
102.5872, 131.1777

31.1149, 29.2389,
40.5107

133.6169,
131.2060, 165.7133

20.8386, 19.2616,
27.6202

166.8989,
164.7064, 205.8336

13.1179, 11.8595,
17.8030

205.2940,
203.4726, 251.9570

7.5873, 6.6481,
10.6407

249.1674,
247.8892, 304.5021

3.8816, 3.2430,
5.7146

298.8846,

1.6354, 1.2599,

298.3404, 363.8875

2.6064

354.8109,
355.2107, 430.5317

■ 0.4153, 0.1098,
0.8957

■ 0.0000, 0.0000,
0.0000

■ 60.7955, 58.4564,
77.1862

■ 60.7955, 58.4564,
77.1862

■ 54.8343, 48.5897,
75.5968

■ 67.5389, 69.8252,
79.0261

■ 49.6172, 40.1523,
74.2432

■ 75.0903, 82.7500,
81.1228

■ 45.1106, 33.0762,
73.1149

■ 81.6662, 93.6624,
82.8825

■ 41.2759, 27.2853,
72.1992

■ 83.2164, 94.4616,
82.9551

38.0710, 22.6956,
71.4823

84.8086, 95.2824,
83.0296

35.4487, 19.2131,
70.9483

86.4432, 96.1250,
83.1061

33.3545, 16.7296,
70.5793

88.1204, 96.9897,
83.1846

31.7230, 15.1147,
70.3536

89.8406, 97.8765,
83.2651

30.7356, 14.3217,
70.2525

90.1850, 98.0540,
83.2812

Harmonies

Analogous

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



57.7744, 58.4564, 83.6992



60.7955, 58.4564, 77.1862



62.4377, 58.4564, 67.4283

Triad

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



60.7955, 58.4564, 77.1862



56.8654, 58.4564, 46.5309



49.4291, 58.4564, 70.1129

Complementary

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



60.7955, 58.4564, 77.1862



59.6804, 68.4185, 61.1024

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.



49.2088, 58.4564, 60.0138



60.7955, 58.4564, 77.1862



53.4049, 58.4564, 47.0876

Square

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



60.7955, 58.4564, 77.1862



60.1060, 58.4564, 50.1852



50.6360, 58.4564, 51.7952



51.2512, 58.4564, 79.3284

Rectangle

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



60.7955, 58.4564, 77.1862



62.4853, 58.4564, 60.7033



50.6360, 58.4564, 51.7952



49.1682, 58.4564, 66.6886

Sweetspot

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



60.7972, 58.4589, 77.1875



91.0823, 93.2516, 107.8066



56.1050, 58.0853, 77.3627



19.3399, 19.6963, 23.0324



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.



60.7972, 58.4589, 77.1875



81.0868, 76.4553, 105.0914



61.5639, 58.9741, 71.8029



13.9925, 13.7797, 17.3099



18.3531, 8.5567, 41.7327



1.3446, 0.6305, 2.8961

Inverse Universe

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



59.8433, 58.2859, 62.7426



79.5718, 76.1903, 81.7086



59.0242, 67.9745, 65.8476



13.8268, 13.7484, 14.8583



18.2383, 9.3623, 2.6548



1.2971, 0.6621, 0.3576

Previews

White Background



This preview shows how the XYZ color 60.7955, 58.4564, 77.1862 looks on a white background.

Color Contrast Check

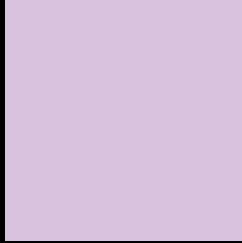
Large Text (above 18pt) WCAG AA × Fail

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 60.7955, 58.4564, 77.1862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

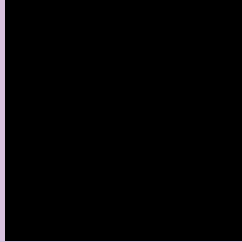
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7955, 58.4564, 77.1862

Background



This preview shows how black text looks on a background with the XYZ color 60.7955, 58.4564, 77.1862.



This preview shows how white text looks on a background with the XYZ color 60.7955, 58.4564,

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

60.7955, 58.4564, 77.1862

Protanopia

57.6704, 58.8053, 80.2625

Deuteranopia

59.7887, 58.6027, 77.2675



Tritanopia

59.2294, 58.4791, 69.7939

Trichromacy



Original Color

60.7955, 58.4564, 77.1862

Protanomaly

58.9615, 58.8035, 79.4768

Deuteranomaly

60.1405, 58.4503, 77.2195

Tritanomaly

59.8052, 58.3836, 72.4071

Monochromacy



Original Color

60.7955, 58.4564, 77.1862

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.4246, 59.4216, 70.0182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7955, 58.4564, 77.1862 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(216, 194, 222)` looks like.

```
.text, #text, p{  
    color:rgb(216, 194, 222)  
}
```

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(216, 194, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 194, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.7955, 58.4564, 77.1862 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(216, 194, 222) }
```


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

```
.border{ border-color:rgb(216, 194, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 194, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 194, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 194, 222);  
box-shadow:4px 4px 4px 4px rgb(216, 194,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7955, 58.4564, 77.1862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 194, 222) }
```

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

```
.background{ background-color: rgb(216,  
194, 222) }
```

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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