

Converting Colors

XYZ(58.7495, 58.4184, 76.5861)

Have a look what the booklet for
XYZ(58.7495, 58.4184, 76.5861)
contains.

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Color

**XYZ(58.7495, 58.4184,
76.5861)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC5DD
RGB	207, 197, 221
RGB Percent	81%, 77%, 87%
CMY	0.1882, 0.2274, 0.1333
CMYK	0.06, 0.11, 0.00, 0.13
HSL	265°, 26%, 82%
HSV	265°, 11%, 87%
XYZ	58.7495, 58.4184, 76.5861
YIQ	202.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

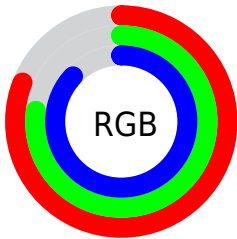
Format	Color
R_{YB}	207, 197, 221
Decimal	13616605
CIE Lab	80.97, 7.94, -10.68
CIE LCh	81, 13.304, 306.640
Yxy	58.4184, 0.3032, 0.3015
Android (android.graphics.Color)	4291806685 (0xFFCFC5DD)
YUV	202.7260, 9.0091, 3.7483
Hunter-Lab	76.4319, 3.4484, -5.9072

Details

The XYZ color **58.7495, 58.4184, 76.5861** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8008, 69.5946, 62.9494**, and the grayscale version is **56.5405, 59.4850, 64.7792**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **29.8423, 29.1704, 40.1340** is the 20% darker color. If you saturate the color by 10%, you get **50.6386, 47.3270, 74.8736**, and if you desaturate by 10%, it is **67.8937, 71.1377, 78.5601**.

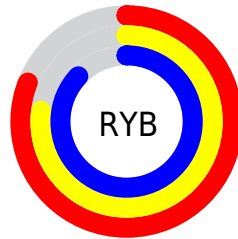
Distribution



Red (81%)

Green (77%)

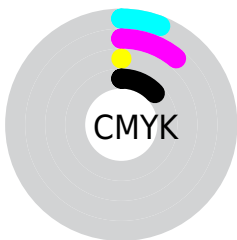
Blue (87%)



Red (81%)

Yellow (77%)

Blue (87%)

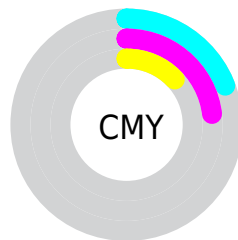


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (19%)

Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7495, 58.4184, 76.5861 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 58.7495, 58.4184, 76.5861 by changing the saturation by 10% instead.

■ 58.7495, 58.4184,
76.5861

■ 58.7495, 58.4184,
76.5861

409.8820,
418.7432, 502.7518

■ 42.6571, 42.1451,
56.4037

102.1302,
102.5319, 130.3227

■ 29.8095, 29.2149,
40.1205

130.1492,
131.1409, 164.7140

■ 19.8414, 19.2435,
27.3180

162.8745,
164.6306, 204.6787

■ 12.3874, 11.8463,
17.5777

200.6714,
203.3853, 250.6353

■ 7.0822, 6.6391,
10.4809

243.9052,
247.7896, 303.0024

■ 3.5603, 3.2375,
5.6092

292.9413,

■ 1.4565, 1.2569,

298.2277, 362.1985

2.5440

348.1451,
355.0841, 428.6421

■ 0.2960, 0.1075,
0.8634

■ 0.0000, 0.0000,
0.0000

■ 58.7495, 58.4184,
76.5861

■ 58.7495, 58.4184,
76.5861

■ 50.6386, 47.3270,
74.8736

■ 67.8937, 71.1377,
78.5601

■ 43.5170, 37.7888,
73.4079

■ 78.1027, 85.5407,
80.8021

■ 37.3448, 29.7340,
72.1785

■ 86.7059, 96.2759,
82.4208

■ 32.0776, 23.0845,
71.1726

■ 90.0513, 98.0005,
82.5773

■ 27.6666, 17.7550,
70.3764

■ 24.0584, 13.6505,
69.7743

■ 21.1922, 10.6625,
69.3487

■ 18.9970, 8.6623,
69.0783

■ 17.4715, 7.4992,
68.9342

Harmonies

Analogous

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



56.1402, 58.4184, 79.9136



58.7495, 58.4184, 76.5861



60.5359, 58.4184, 69.8204

Triad

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



58.7495, 58.4184, 76.5861



57.6538, 58.4184, 50.6616



50.4233, 58.4184, 65.3796

Complementary

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



58.7495, 58.4184, 76.5861



62.8008, 69.5946, 62.9494

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.



50.7985, 58.4184, 57.7749



58.7495, 58.4184, 76.5861



54.9141, 58.4184, 49.6860

Square

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



58.7495, 58.4184, 76.5861



59.8888, 58.4184, 54.9695



52.4206, 58.4184, 52.1852



51.3784, 58.4184, 73.1065

Rectangle

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



58.7495, 58.4184, 76.5861



60.9877, 58.4184, 64.5019



52.4206, 58.4184, 52.1852



50.3985, 58.4184, 62.7218

Sweetspot

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



58.7512, 58.4209, 76.5874



91.0349, 94.3791, 108.0267



59.4730, 63.8804, 77.6031



19.2604, 19.8872, 23.0734



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.



58.7512, 58.4209, 76.5874



78.6107, 77.1576, 105.3574



62.1124, 60.1536, 76.7447



12.8501, 12.8808, 16.4611



10.2717, 4.4194, 40.0501



0.7621, 0.3361, 2.5992

Inverse Universe

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



61.5450, 60.0105, 69.9706



83.2271, 79.7852, 94.3817



59.5961, 67.9426, 62.7995



13.3730, 13.1783, 15.2256



19.6792, 9.8727, 13.2225



1.3175, 0.6566, 1.0808

Previews

White Background



This preview shows how the XYZ color 58.7495, 58.4184, 76.5861 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 58.7495, 58.4184, 76.5861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

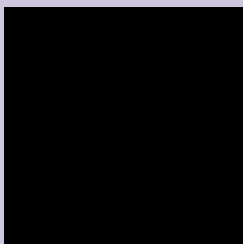
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

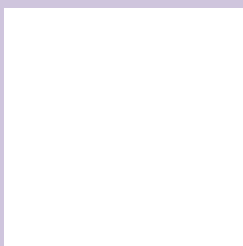
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7495, 58.4184, 76.5861

Background



This preview shows how black text looks on a background with the XYZ color 58.7495, 58.4184, 76.5861.



This preview shows how white text looks on a background with the XYZ color 58.7495, 58.4184,

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

58.7495, 58.4184, 76.5861

Protanopia

57.2623, 58.6420, 78.1130

Deuteranopia

59.6550, 58.5492, 76.5636



Tritanopia

57.7853, 58.3650, 71.8383

Trichromacy



Original Color

58.7495, 58.4184, 76.5861

Protanomaly

57.6956, 58.5383, 77.3654

Deuteranomaly

59.3694, 58.4020, 76.5502

Tritanomaly

58.1721, 58.5197, 73.8751

Monochromacy



Original Color

58.7495, 58.4184, 76.5861

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.4213, 59.2638, 69.3854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7495, 58.4184, 76.5861 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(207, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(207, 197, 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(207, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 197, 221) }
```

Border

The CSS property to change the border of an element to XYZ 58.7495, 58.4184, 76.5861 is called "border". The border property can be set on classes, ids or directly on the HTML element.

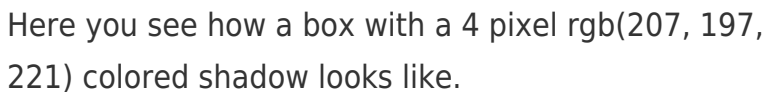
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 197, 221) }
```


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

```
.border{ border-color:rgb(207, 197, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 197, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 197, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 197, 221); box-shadow:4px 4px 4px 4px rgb(207, 197, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7495, 58.4184, 76.5861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 197, 221) }
```

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

```
.background{ background-color: rgb(207,  
197, 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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