

Converting Colors

XYZ(59.9956, 56.6800, 74.0129)

Have a look what the booklet for
XYZ(59.9956, 56.6800, 74.0129)
contains.

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Color

**XYZ(59.9818, 56.7943,
74.1307)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DABEDA |
| RGB | 218, 190, 218 |
| RGB Percent | 85%, 75%, 85% |
| CMY | 0.1451, 0.2549, 0.1451 |
| CMYK | 0.00, 0.13, 0.00, 0.15 |
| HSL | 300°, 27%, 80% |
| HSV | 300°, 13%, 85% |
| XYZ | 59.9818, 56.7943, 74.1307 |
| YIQ | 201.5640, 7.7000, 14.6440 |

Conversions

Conversions Part 2

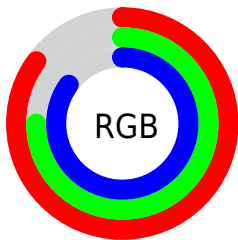
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 218, 190, 218 |
| Decimal | 14335706 |
| CIE Lab | 80.06, 14.81, -10.32 |
| CIE LCh | 80, 18.047, 325.131 |
| Yxy | 56.7943, 0.3142, 0.2975 |
| Android (android.graphics.Color) | 4292525786 (0xFFDABEDA) |
| YUV | 201.5640, 8.1029, 14.4144 |
| Hunter-Lab | 75.3620, 10.1875, -5.5679 |

Details

The XYZ color **59.9818, 56.7943, 74.1307** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **55.6031, 64.8093, 58.2970**, and the grayscale version is **55.8168, 58.7236, 63.9500**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **30.6608, 28.3222, 38.5011** is the 20% darker color. If you saturate the color by 10%, you get **55.6094, 48.0486, 72.6738**, and if you desaturate by 10%, it is **65.0638, 66.9573, 75.8255**.

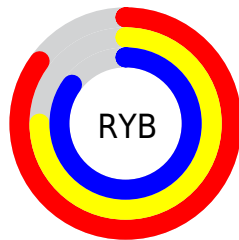
Distribution



Red (85%)

Green (75%)

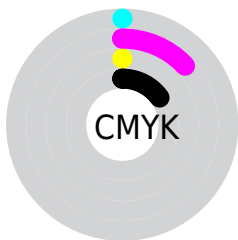
Blue (85%)



Red (85%)

Yellow (75%)

Blue (85%)

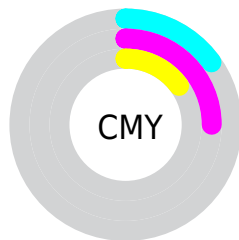


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9818, 56.7943, 74.1307 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 59.9818, 56.7943, 74.1307 by changing the saturation by 10% instead.

■ 59.9818, 56.7943,
74.1307

■ 59.9818, 56.7943,
74.1307

414.3665,
412.6781, 494.0998

■ 43.6534, 40.8401,
54.4036

■ 103.9098,
100.1650, 126.8168

■ 30.5948, 28.1942,
38.5290

132.2400,
128.3503, 160.6129

■ 20.4408, 18.4721,
26.0885

165.3016,
161.3814, 199.9357

■ 12.8260, 11.2894,
16.6635

203.4598,
199.6427, 245.2038

■ 7.3850, 6.2619,
9.8355

247.0800,
243.5186, 296.8357

■ 3.7525, 3.0050,
5.1858

296.5277,

■ 1.5631, 1.1343,

293.3936, 355.2500

2.2961

352.1680,
349.6519, 420.8652

■ 0.3682, 0.0071,
0.7290

■ 0.0000, 0.0000,
0.0000

■ 59.9818, 56.7943,
74.1307

■ 59.9818, 56.7943,
74.1307

■ 55.6094, 48.0486,
72.6738

■ 65.0638, 66.9573,
75.8255

■ 51.9103, 40.6504,
71.4406

■ 70.8796, 78.5888,
77.7642

■ 48.8525, 34.5350,
70.4213

■ 77.3290, 91.4877,
79.9141

■ 46.3997, 29.6293,
69.6036

■ 77.3290, 91.4877,
79.9142

44.5116, 25.8531,
68.9741

77.3290, 91.4877,
79.9143

43.1433, 23.1166,
68.5179

77.3291, 91.4877,
79.9144

42.2430, 21.3160,
68.2177

77.3291, 91.4877,
79.9146

41.7482, 20.3266,
68.0526

77.3291, 91.4877,
79.9147

41.5687, 19.9676,
67.9927

77.3291, 91.4878,
79.9148

Harmonies

Analogous

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



57.0346, 56.7943, 82.0047



59.9818, 56.7943, 74.1307



61.3238, 56.7943, 63.5710

Triad

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



59.9818, 56.7943, 74.1307



54.5826, 56.7943, 43.8057



47.8400, 56.7943, 70.8274

Complementary

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



59.9818, 56.7943, 74.1307



55.6031, 64.8093, 58.2970

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.



47.2495, 56.7943, 60.1394



59.9818, 56.7943, 74.1307



51.0389, 56.7943, 45.2846

Square

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



59.9818, 56.7943, 74.1307



58.1179, 56.7943, 46.6929



48.3949, 56.7943, 50.9878



50.0458, 56.7943, 79.9511

Rectangle

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



59.9818, 56.7943, 74.1307



61.0855, 56.7943, 56.7116



48.3949, 56.7943, 50.9878



47.4504, 56.7943, 67.2672

Sweetspot

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



59.9835, 56.7968, 74.1319



91.8819, 93.6639, 107.8439



52.3061, 52.8389, 73.7728



19.5431, 19.8010, 23.0419



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.



59.9835, 56.7968, 74.1319



84.0384, 77.9769, 105.2292



58.2279, 56.0945, 64.8872



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7341



1.6134, 0.7750, 2.6390

Inverse Universe

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



59.9835, 56.7968, 74.1319



84.0384, 77.9769, 105.2292



57.2077, 65.4512, 66.7469



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7341



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 59.9818, 56.7943, 74.1307 looks on a white background.

Color Contrast Check

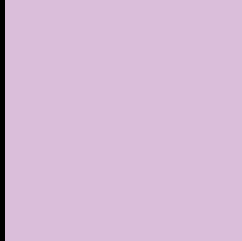
Large Text (above 18pt) WCAG AA × Fail

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 59.9818, 56.7943, 74.1307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

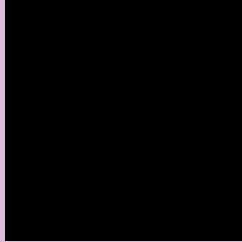
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9818, 56.7943, 74.1307

Background



This preview shows how black text looks on a background with the XYZ color 59.9818, 56.7943, 74.1307.



This preview shows how white text looks on a background with the XYZ color 59.9818, 56.7943,

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

59.9818, 56.7943, 74.1307

Protanopia

55.7912, 56.8623, 77.8471

Deuteranopia

57.8888, 56.7050, 73.5397



Tritanopia

58.4310, 56.8032, 66.9160

Trichromacy



Original Color

59.9818, 56.7943, 74.1307

Protanomaly

56.9715, 56.5005, 76.3096

Deuteranomaly

58.5254, 56.7061, 73.5064

Tritanomaly

59.0039, 56.7165, 69.4655

Monochromacy



Original Color

59.9818, 56.7943, 74.1307

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.5917, 58.3521, 67.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9818, 56.7943, 74.1307 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(218, 190, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 218)  
}
```

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(218, 190, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.9818, 56.7943, 74.1307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

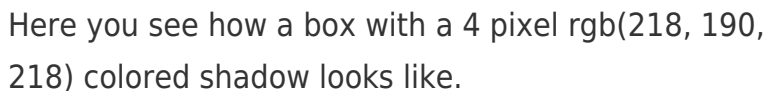
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 190, 218) }
```


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

```
.border{ border-color:rgb(218, 190, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 190, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9818, 56.7943, 74.1307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 218) }
```

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

```
.background{ background-color: rgb(218,  
190, 218) }
```

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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