

Converting Colors

XYZ(58.5957, 56.6196, 79.0786)

Have a look what the booklet for
XYZ(58.5957, 56.6196, 79.0786)
contains.

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Color

**XYZ(58.7347, 56.6908,
79.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C0E1
RGB	209, 192, 225
RGB Percent	82%, 75%, 88%
CMY	0.1804, 0.2470, 0.1176
CMYK	0.07, 0.15, 0.00, 0.12
HSL	271°, 35%, 82%
HSV	271°, 15%, 88%
XYZ	58.7347, 56.6908, 79.0809
YIQ	200.8450, -0.4610, 13.8670

Conversions

Conversions Part 2

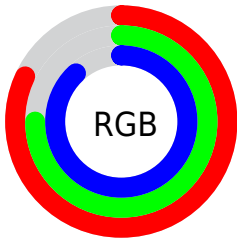
Format	Color
R _Y B	209, 192, 225
Decimal	13746401
CIE Lab	80.01, 12.07, -14.25
CIE LCh	80, 18.672, 310.253
Yxy	56.6908, 0.3020, 0.2915
Android (android.graphics.Color)	4291936481 (0xFFD1C0E1)
YUV	200.8450, 11.9084, 7.1519
Hunter-Lab	75.2933, 7.4808, -9.5673

Details

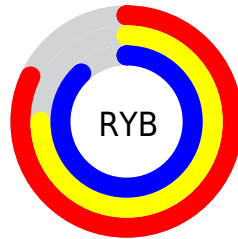
The XYZ color **58.7347, 56.6908, 79.0809** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.4541, 71.0676, 60.2976**, and the grayscale version is **55.3516, 58.2342, 63.4170**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **29.8147, 28.2375, 41.9092** is the 20% darker color. If you saturate the color by 10%, you get **51.1857, 46.0186, 77.4197**, and if you desaturate by 10%, it is **67.2538, 68.9872, 81.0062**.

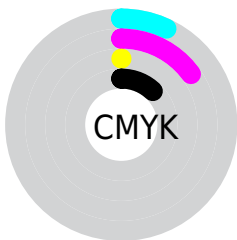
Distribution



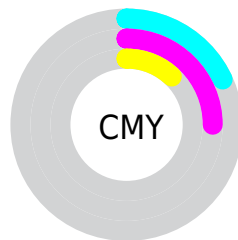
- Red (82%)
- Green (75%)
- Blue (88%)



- Red (82%)
- Yellow (75%)
- Blue (88%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7347, 56.6908, 79.0809 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 58.7347, 56.6908, 79.0809 by changing the saturation by 10% instead.

■ 58.7347, 56.6908,
79.0809

■ 58.7347, 56.6908,
79.0809

409.8279,
412.2897, 511.4548

■ 42.6451, 40.7570,
58.4406

■ 102.1088,
100.0139, 133.8724

■ 29.8001, 28.1293,
41.7459

130.1241,
128.1720, 168.8608

■ 19.8342, 18.4231,
28.5783

162.8453,
161.1737, 209.4689

■ 12.3822, 11.2542,
18.5192

200.6378,
199.4034, 256.1153

■ 7.0786, 6.2381,
11.1501

243.8669,
243.2454, 309.2186

■ 3.5580, 2.9904,
6.0525

292.8981,

■ 1.4553, 1.1267,

293.0842, 369.1972

2.8077

348.0967,
349.3042, 436.4698

■ 0.2951, 0.0006,
0.9973

■ 0.0000, 0.0000,
0.0000

■ 58.7347, 56.6908,
79.0809

■ 58.7347, 56.6908,
79.0809

■ 51.1857, 46.0186,
77.4197

■ 67.2538, 68.9872,
81.0062

■ 44.5632, 36.8929,
76.0073

■ 76.7738, 82.9668,
83.2028

■ 38.8278, 29.2402,
74.8325

■ 85.8767, 95.7861,
85.1974

■ 33.9350, 22.9781,
73.8816

■ 89.7284, 97.7717,
85.3776

■ 29.8358, 18.0157,
73.1399

■ 90.5908, 98.2163,
85.4180

■ 26.4758, 14.2511,
72.5903

■ 23.7921, 11.5660,
72.2135

■ 21.7090, 9.8166,
71.9856

■ 20.7801, 9.1426,
71.9045

Harmonies

Analogous

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



55.1917, 56.6908, 84.6482



58.7347, 56.6908, 79.0809



61.0435, 56.6908, 69.0566

Triad

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



58.7347, 56.6908, 79.0809



56.3850, 56.6908, 44.0795



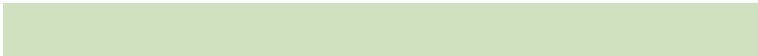
47.0195, 56.6908, 65.5201

Complementary

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



58.7347, 56.6908, 79.0809



62.4541, 71.0676, 60.2976

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.



47.3054, 56.6908, 54.9346



58.7347, 56.6908, 79.0809



52.5950, 56.6908, 43.3685

Square

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



58.7347, 56.6908, 79.0809



59.6434, 56.6908, 49.1888



49.3059, 56.6908, 47.1174



48.5058, 56.6908, 76.2322

Rectangle

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



58.7347, 56.6908, 79.0809



61.5107, 56.6908, 61.6343



49.3059, 56.6908, 47.1174



46.9133, 56.6908, 61.8191

Sweetspot

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



58.7364, 56.6932, 79.0821



90.0857, 92.7379, 107.7599



58.0089, 62.0008, 80.1450



19.0874, 19.5661, 23.0206



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.



58.7364, 56.6932, 79.0821



74.3957, 70.1506, 104.2271



63.4931, 59.1454, 79.3048



13.6221, 13.5887, 17.2926



12.1100, 5.3382, 41.4405



0.9427, 0.4233, 2.8773

Inverse Universe

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



61.2881, 58.2634, 67.6930



78.5392, 72.6997, 85.7584



58.1799, 68.8641, 60.0976



13.9828, 13.8107, 15.6793



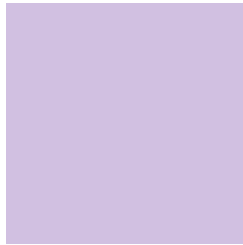
19.5455, 9.8852, 9.5381



1.3999, 0.7032, 0.8987

Previews

White Background



This preview shows how the XYZ color 58.7347, 56.6908, 79.0809 looks on a white background.

Color Contrast Check

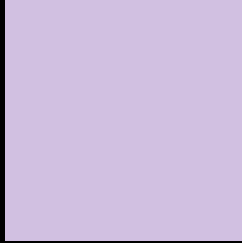
Large Text (above 18pt) WCAG AA × Fail

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 58.7347, 56.6908, 79.0809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

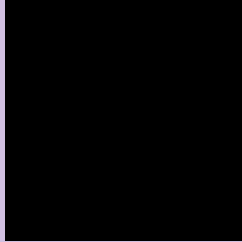
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7347, 56.6908, 79.0809

Background



This preview shows how black text looks on a background with the XYZ color 58.7347, 56.6908, 79.0809.



This preview shows how white text looks on a background with the XYZ color 58.7347, 56.6908,

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

58.7347, 56.6908, 79.0809

Protanopia

55.9622, 56.8714, 81.4265

Deuteranopia

57.8374, 56.5553, 79.1021



Tritanopia

56.8801, 56.9488, 68.9671

Trichromacy



Original Color

58.7347, 56.6908, 79.0809

Protanomaly

56.9334, 56.7184, 80.6201

Deuteranomaly

58.1142, 56.6980, 79.1150

Tritanomaly

57.5700, 56.8998, 72.2385

Monochromacy



Original Color

58.7347, 56.6908, 79.0809

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.7288, 57.8787, 69.1545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7347, 56.6908, 79.0809 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(209, 192, 225)` looks like.

```
.text, #text, p{  
    color:rgb(209, 192, 225)  
}
```

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(209, 192, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 192, 225) }
```

Border

The CSS property to change the border of an element to XYZ 58.7347, 56.6908, 79.0809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

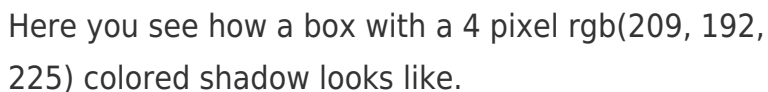
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 192, 225) }
```


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

```
.border{ border-color:rgb(209, 192, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 192, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 192, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 192, 225); box-shadow:4px 4px 4px 4px rgb(209, 192, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7347, 56.6908, 79.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 192, 225) }
```

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

```
.background{ background-color: rgb(209,  
192, 225) }
```

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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