

Converting Colors

XYZ(59.0525, 56.5882, 68.5008)

Have a look what the booklet for
XYZ(59.0525, 56.5882, 68.5008)
contains.

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Color

**XYZ(58.9598, 56.3855,
68.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	DABED2
RGB	218, 190, 210
RGB Percent	85%, 75%, 82%
CMY	0.1451, 0.2549, 0.1765
CMYK	0.00, 0.13, 0.04, 0.15
HSL	317°, 27%, 80%
HSV	317°, 13%, 85%
XYZ	58.9598, 56.3855, 68.7487
YIQ	200.6520, 10.2680, 12.1560

Conversions

Conversions Part 2

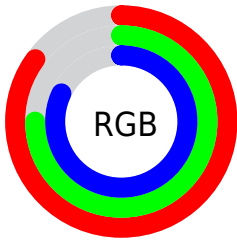
Format	Color
R_{YB}	218, 190, 210
Decimal	14335698
CIE _{Lab}	79.83, 13.35, -6.35
CIE _{LCh}	80, 14.786, 334.565
Yxy	56.3855, 0.3203, 0.3063
Android (android.graphics.Color)	4292525778 (0xFFDABED2)
YUV	200.6520, 4.6086, 15.2142
Hunter-Lab	75.0903, 8.7476, -1.7196

Details

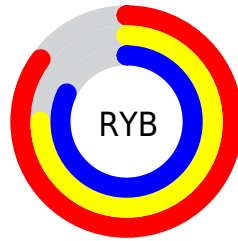
The XYZ color **58.9598, 56.3855, 68.7487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5019, 65.1688, 63.0302**, and the grayscale version is **55.2713, 58.1497, 63.3251**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **30.0507, 28.0782, 35.2883** is the 20% darker color. If you saturate the color by 10%, you get **53.8261, 47.3353, 63.2829**, and if you desaturate by 10%, it is **64.8332, 66.8651, 74.6115**.

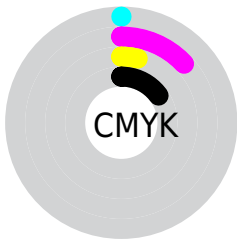
Distribution



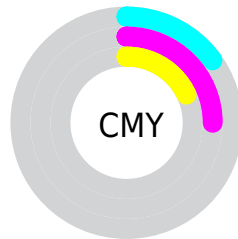
- Red (85%)
- Green (75%)
- Blue (82%)



- Red (85%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9598, 56.3855, 68.7487 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 58.9598, 56.3855, 68.7487 by changing the saturation by 10% instead.

■ 58.9598, 56.3855,
68.7487

■ 58.9598, 56.3855,
68.7487

410.6494,
411.1427, 474.8141

■ 42.8270, 40.5121,
50.0366

■ 102.4342, 99.5680,
119.0869

■ 29.9433, 27.9380,
35.0711

130.5065,
127.6459, 151.5501

■ 19.9434, 18.2790,
23.4336

163.2894,
160.5607, 189.4340

■ 12.4620, 11.1504,
14.7057

201.1481,
198.6968, 233.1572

■ 7.1335, 6.1681,
8.4688

244.4482,
242.4387, 283.1383

■ 3.5928, 2.9476,
4.3043

293.5548,

■ 1.4745, 1.1044,

292.1707, 339.7958

1.7937

348.8334,
348.2772, 403.5482

■ 0.3084, 0.0000,
0.4238

■ 0.0000, 0.0000,
0.0000

■ 58.9598, 56.3855,
68.7487

■ 58.9598, 56.3855,
68.7487

■ 53.8261, 47.3353,
63.2829

■ 64.8332, 66.8651,
74.6115

■ 49.3955, 39.6446,
58.1982

■ 71.4711, 78.8255,
80.8791

■ 45.6359, 33.2483,
53.4829

■ 78.7735, 92.0655,
87.5206

■ 42.5104, 28.0736,
49.1230

■ 79.6577, 92.4192,
92.1767

39.9785, 24.0399,
45.1031

80.5734, 92.7854,
96.9987

37.9948, 21.0572,
41.4063

81.5209, 93.1645,
101.9885

36.5072, 19.0217,
38.0136

82.5006, 93.5563,
107.1475

35.4529, 17.8084,
34.9019

82.7239, 93.6456,
108.3231

34.8897, 17.2960,
32.8214

Harmonies

Analogous

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



56.9246, 56.3855, 75.9918



58.9598, 56.3855, 68.7487



59.5367, 56.3855, 60.0918

Triad

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



58.9598, 56.3855, 68.7487



53.1360, 56.3855, 46.3864



48.9918, 56.3855, 71.2280

Complementary

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



58.9598, 56.3855, 68.7487



56.5019, 65.1688, 63.0302

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.



48.0582, 56.3855, 62.7153



58.9598, 56.3855, 68.7487



50.3935, 56.3855, 48.7971

Square

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



58.9598, 56.3855, 68.7487



56.1027, 56.3855, 47.6801



48.5617, 56.3855, 54.5839



51.1588, 56.3855, 77.5141

Rectangle

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



58.9598, 56.3855, 68.7487



58.9992, 56.3855, 54.7940



48.5617, 56.3855, 54.5839



48.5271, 56.3855, 68.5043

Sweetspot

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



58.9614, 56.3880, 68.7499



91.4161, 93.4775, 105.3911



54.3418, 53.8884, 73.8680



19.4248, 19.7537, 22.4190



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.



58.9614, 56.3880, 68.7499



82.3282, 77.2928, 96.2233



57.3003, 55.7235, 60.0026



13.4475, 13.2081, 15.6176



20.9507, 10.3813, 19.9184



1.3937, 0.6871, 1.4822

Inverse Universe

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



58.9614, 56.3880, 68.7499



82.3282, 77.2928, 96.2233



58.1838, 65.8416, 71.8868



13.4475, 13.2081, 15.6176



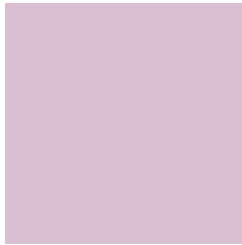
20.9507, 10.3813, 19.9184



1.3937, 0.6871, 1.4822

Previews

White Background



This preview shows how the XYZ color 58.9598, 56.3855, 68.7487 looks on a white background.

Color Contrast Check

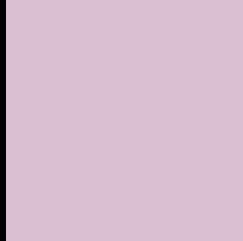
Large Text (above 18pt) WCAG AA × Fail

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 58.9598, 56.3855, 68.7487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

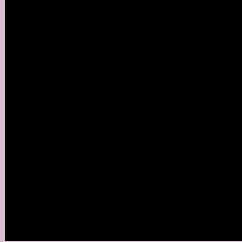
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9598, 56.3855, 68.7487

Background



This preview shows how black text looks on a background with the XYZ color 58.9598, 56.3855, 68.7487.



This preview shows how white text looks on a background with the XYZ color 58.9598, 56.3855,

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

58.9598, 56.3855, 68.7487

Protanopia

55.1298, 56.6579, 71.6487

Deuteranopia

57.6339, 56.3495, 68.8117



Tritanopia

58.3867, 56.4695, 66.2149

Trichromacy



Original Color

58.9598, 56.3855, 68.7487

Protanomaly

56.4789, 56.3668, 70.8539

Deuteranomaly

57.9952, 56.2109, 68.7659

Tritanomaly

58.5086, 56.5183, 66.8569

Monochromacy



Original Color

58.9598, 56.3855, 68.7487

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5975, 57.5575, 65.2534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9598, 56.3855, 68.7487 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.9598, 56.3855, 68.7487 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, 210) }
```


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

```
.border{ border-color:rgb(218, 190, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 190, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 190, 210); box-shadow:4px 4px 4px 4px rgb(218, 190, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9598, 56.3855, 68.7487 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, 210) }
```

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

```
.background{ background-color: rgb(218,  
190, 210) }
```

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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