

Converting Colors

XYZ(60.3129, 53.8006, 69.7990)

Have a look what the booklet for
XYZ(60.3129, 53.8006, 69.7990)
contains.

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Color

**XYZ(60.1998, 53.8900,
69.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B4D4
RGB	228, 180, 212
RGB Percent	89%, 71%, 83%
CMY	0.1059, 0.2941, 0.1686
CMYK	0.00, 0.21, 0.07, 0.11
HSL	320°, 47%, 80%
HSV	320°, 21%, 89%
XYZ	60.1998, 53.8900, 69.5163
YIQ	198.0000, 18.3360, 20.1280

Conversions

Conversions Part 2

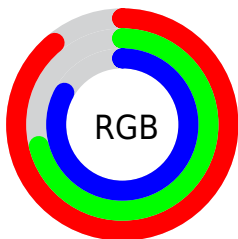
Format	Color
R _Y B	228, 180, 212
Decimal	14988500
CIE Lab	78.40, 22.51, -9.46
CIE LCh	78, 24.415, 337.201
Yxy	53.8900, 0.3279, 0.2935
Android (android.graphics.Color)	4293178580 (0xFFE4B4D4)
YUV	198.0000, 6.9020, 26.3100
Hunter-Lab	73.4098, 17.9120, -4.7585

Details

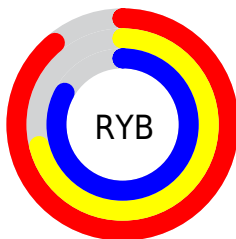
The XYZ color **60.1998, 53.8900, 69.5163** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.5317, 69.1770, 62.6007**, and the grayscale version is **53.6294, 56.4224, 61.4439**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **30.6884, 26.3837, 35.3734** is the 20% darker color. If you saturate the color by 10%, you get **55.0342, 45.0565, 63.1751**, and if you desaturate by 10%, it is **66.1708, 64.2605, 76.3499**.

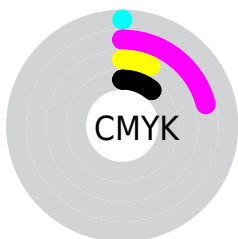
Distribution



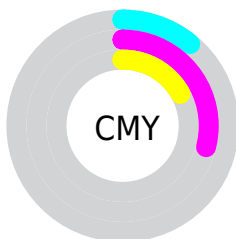
- Red (89%)
- Green (71%)
- Blue (83%)



- Red (89%)
- Yellow (71%)
- Blue (83%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1998, 53.8900, 69.5163 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 60.1998, 53.8900, 69.5163 by changing the saturation by 10% instead.


 60.1998, 53.8900,
69.5163

 60.1998, 53.8900,
69.5163


415.1568,
401.6904, 477.5930

 43.8298, 38.5137,
50.6579


 104.2241, 95.9127,
120.1933

 30.7340, 26.3816,
35.5616


132.6092,
123.3279, 152.8491

 20.5472, 17.1094,
23.8088


165.7299,
155.5250, 190.9411

 12.9040, 10.3125,
14.9810

203.9517,
192.8881, 234.8878

 7.4390, 5.6066,
8.6596

247.6400,
235.8019, 285.1078

 3.7869, 2.6074,
4.4260

297.1600,

 1.5823, 0.9304,

284.6506, 342.0196

1.8619

352.8771,
339.8186, 406.0419

■ 0.3808, 0.0000,
0.4683

■ 0.0000, 0.0000,
0.0000

■ 60.1998, 53.8900,
69.5163

■ 60.1998, 53.8900,
69.5163

■ 55.0342, 45.0565,
63.1751

■ 66.1708, 64.2605,
76.3499

■ 50.6316, 37.6786,
57.3073

■ 72.9775, 76.2299,
83.6871

■ 46.9529, 31.6783,
51.8974

■ 80.6545, 89.8655,
91.5430

■ 43.9534, 26.9673,
46.9274

■ 83.8429, 94.4492,
98.1342

41.5835, 23.4471,
42.3774

85.0112, 94.9165,
104.2862

39.7860, 21.0046,
38.2251

85.8052, 95.2341,
108.4674

38.4929, 19.5050,
34.4445

37.6623, 18.7610,
31.3396

Harmonies

Analogous

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



57.0003, 53.8900, 82.3242



60.1998, 53.8900, 69.5163



60.9240, 53.8900, 55.4290

Triad

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



60.1998, 53.8900, 69.5163



50.0738, 53.8900, 36.1841



44.2219, 53.8900, 76.1347

Complementary

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



60.1998, 53.8900, 69.5163



56.5317, 69.1770, 62.6007

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.



42.6068, 53.8900, 62.0496



60.1998, 53.8900, 69.5163



45.8458, 53.8900, 40.0565

Square

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



60.1998, 53.8900, 69.5163



54.8776, 53.8900, 37.5447



43.1823, 53.8900, 49.0275



47.7302, 53.8900, 86.5424

Rectangle

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



60.1998, 53.8900, 69.5163



59.8671, 53.8900, 47.4151



43.1823, 53.8900, 49.0275



43.4499, 53.8900, 71.5944

Sweetspot

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



60.2014, 53.8924, 69.5174



89.5514, 90.2995, 103.0696



53.0921, 49.9825, 80.2488



19.0448, 19.1118, 21.9284



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.



60.2014, 53.8924, 69.5174



74.7405, 64.5568, 86.1739



57.3952, 52.7699, 54.7402



14.7801, 14.5292, 17.0426



21.8045, 10.8560, 18.3975



1.6540, 0.8193, 1.5842

Inverse Universe

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



60.2014, 53.8924, 69.5174



74.7405, 64.5568, 86.1739



59.4858, 70.3587, 78.1567



14.7801, 14.5292, 17.0426



21.8045, 10.8560, 18.3975



1.6540, 0.8193, 1.5842

Previews

White Background



This preview shows how the XYZ color 60.1998, 53.8900, 69.5163 looks on a white background.

Color Contrast Check

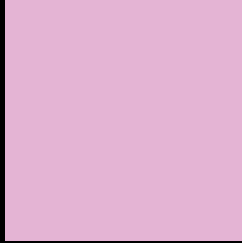
Large Text (above 18pt) WCAG AA × Fail

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 60.1998, 53.8900, 69.5163 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 60.1998, 53.8900, 69.5163

Background



This preview shows how black text looks on a background with the XYZ color 60.1998, 53.8900, 69.5163.



This preview shows how white text looks on a background with the XYZ color 60.1998, 53.8900,

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

60.1998, 53.8900, 69.5163

Protanopia

53.2234, 54.2544, 75.3771

Deuteranopia

55.2841, 54.1701, 68.5149



Tritanopia

58.3756, 54.0669, 60.1826

Trichromacy



Original Color

60.1998, 53.8900, 69.5163

Protanomaly

55.4094, 53.8136, 73.1123

Deuteranomaly

57.0483, 54.1171, 69.0669

Tritanomaly

59.0672, 54.0511, 63.1968

Monochromacy



Original Color

60.1998, 53.8900, 69.5163

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.7048, 55.1287, 64.2049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1998, 53.8900, 69.5163 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(228, 180, 212)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 212)  
}
```

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(228, 180, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.1998, 53.8900, 69.5163 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(228, 180, 212) }
```


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

```
.border{ border-color:rgb(228, 180, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 212);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1998, 53.8900, 69.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 212) }
```

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

```
.background{ background-color: rgb(228,  
180, 212) }
```

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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