

Converting Colors

XYZ(59.9490, 53.7896, 68.1956)

Have a look what the booklet for
XYZ(59.9490, 53.7896, 68.1956)
contains.

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Color

**XYZ(59.9490, 53.7896,
68.1956)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B4D2
RGB	228, 180, 210
RGB Percent	89%, 71%, 82%
CMY	0.1059, 0.2941, 0.1765
CMYK	0.00, 0.21, 0.08, 0.11
HSL	323°, 47%, 80%
HSV	323°, 21%, 89%
XYZ	59.9490, 53.7896, 68.1956
YIQ	197.7720, 18.9780, 19.5060

Conversions

Conversions Part 2

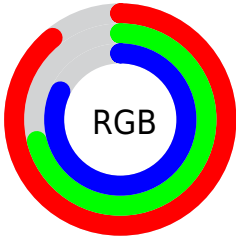
Format	Color
R_{YB}	228, 180, 210
Decimal	14988498
CIE _{Lab}	78.34, 22.16, -8.46
CIE _{LCh}	78, 23.725, 339.097
Yxy	53.7896, 0.3295, 0.2957
Android (android.graphics.Color)	4293178578 (0xFFE4B4D2)
YUV	197.7720, 6.0284, 26.5100
Hunter-Lab	73.3414, 17.5578, -3.7911

Details

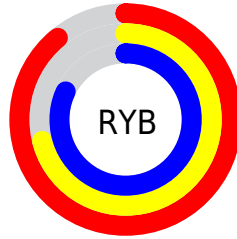
The XYZ color **59.9490, 53.7896, 68.1956** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.7609, 69.2688, 63.8077**, and the grayscale version is **53.4959, 56.2818, 61.2909**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **30.6034, 26.3497, 34.9255** is the 20% darker color. If you saturate the color by 10%, you get **54.6827, 44.9159, 61.3242**, and if you desaturate by 10%, it is **66.0325, 64.2050, 75.6215**.

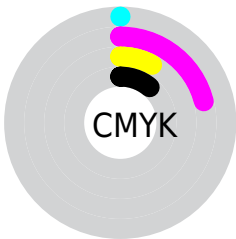
Distribution



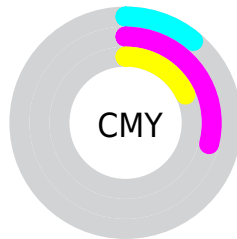
- Red (89%)
- Green (71%)
- Blue (82%)



- Red (89%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9490, 53.7896, 68.1956 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 59.9490, 53.7896, 68.1956 by changing the saturation by 10% instead.

59.9490, 53.7896,
68.1956

59.9490, 53.7896,
68.1956

414.2475,
401.3072, 472.8056

43.6268, 38.4335,
49.5892

103.8624, 95.7652,
118.2888

30.5739, 26.3193,
34.7182

132.1844,
123.1536, 150.6126

20.4248, 17.0627,
23.1641

165.2371,
155.3214, 188.3461

12.8143, 10.2792,
14.5083

203.3857,
192.6531, 231.9076

7.3769, 5.5845,
8.3322

246.9957,
235.5332, 281.7158

3.7473, 2.5941,
4.2175

296.4325,

1.5602, 0.9237,

284.3460, 338.1891

1.7454

352.0613,
339.4758, 401.7462

■ 0.3663, 0.0000,
0.3916

■ 0.0000, 0.0000,
0.0000

■ 59.9490, 53.7896,
68.1956

■ 59.9490, 53.7896,
68.1956

■ 54.6827, 44.9159,
61.3242

■ 66.0325, 64.2050,
75.6215

■ 50.1909, 37.5023,
54.9868

■ 72.9637, 76.2243,
83.6145

■ 46.4343, 31.4709,
49.1667

■ 80.7775, 89.9146,
92.1909

■ 43.3679, 26.7331,
43.8441

■ 84.1154, 94.5582,
99.5687

■ 40.9417, 23.1903,
38.9977

■ 85.4458, 95.0904,
106.5746

■ 39.0983, 20.7295,
34.6037

■ 85.8052, 95.2342,
108.4674

■ 37.7694, 19.2156,
30.6343

■ 36.9149, 18.4620,
27.4040

Harmonies

Analogous

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



56.9789, 53.7896, 80.7936



59.9490, 53.7896, 68.1956



60.4803, 53.7896, 54.6084

Triad

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



59.9490, 53.7896, 68.1956



49.7236, 53.7896, 36.7316



44.4903, 53.7896, 76.2620

Complementary

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



59.9490, 53.7896, 68.1956



56.7609, 69.2688, 63.8077

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.



42.7886, 53.7896, 62.7139



59.9490, 53.7896, 68.1956



45.6872, 53.7896, 40.8448

Square

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



59.9490, 53.7896, 68.1956



54.3851, 53.7896, 37.7403



43.2131, 53.7896, 49.8916



47.9987, 53.7896, 85.9197

Rectangle

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



59.9490, 53.7896, 68.1956



59.3501, 53.7896, 46.9681



43.2131, 53.7896, 49.8916



43.6980, 53.7896, 71.9354

Sweetspot

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



59.9506, 53.7920, 68.1967



89.4516, 90.2596, 102.5442



53.5104, 50.1981, 80.2685



19.0212, 19.1023, 21.8041



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.



59.9506, 53.7920, 68.1967



74.3622, 64.4055, 84.1816



57.2236, 52.7012, 53.8366



14.7539, 14.5187, 16.9044



21.3751, 10.6842, 16.1360



1.6242, 0.8074, 1.4277

Inverse Universe

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



59.9506, 53.7920, 68.1967



74.3622, 64.4055, 84.1816



59.6988, 70.4439, 79.2782



14.7539, 14.5187, 16.9044



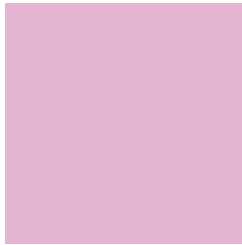
21.3751, 10.6842, 16.1360



1.6242, 0.8074, 1.4277

Previews

White Background



This preview shows how the XYZ color 59.9490, 53.7896, 68.1956 looks on a white background.

Color Contrast Check

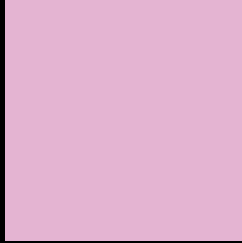
Large Text (above 18pt) WCAG AA × Fail

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 59.9490, 53.7896, 68.1956 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 59.9490, 53.7896, 68.1956

Background



This preview shows how black text looks on a background with the XYZ color 59.9490, 53.7896, 68.1956.



This preview shows how white text looks on a background with the XYZ color 59.9490, 53.7896,

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

59.9490, 53.7896, 68.1956

Protanopia

52.9601, 54.1490, 73.9902

Deuteranopia

54.8220, 53.6423, 67.1391



Tritanopia

58.0558, 53.6102, 59.5125

Trichromacy



Original Color

59.9490, 53.7896, 68.1956

Protanomaly

55.1508, 53.7101, 71.7503

Deuteranomaly

56.5891, 53.5975, 67.6844

Tritanomaly

58.7450, 53.5957, 62.5071

Monochromacy



Original Color

59.9490, 53.7896, 68.1956

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.5860, 55.0812, 63.5792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9490, 53.7896, 68.1956 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 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(228, 180, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 210) }
```

Border

The CSS property to change the border of an element to XYZ 59.9490, 53.7896, 68.1956 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, 210) }
```


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

```
.border{ border-color:rgb(228, 180, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 210);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9490, 53.7896, 68.1956 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, 210) }
```

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

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