

Converting Colors

XYZ(52.6637, 40.9862, 55.9305)

Have a look what the booklet for
XYZ(52.6637, 40.9862, 55.9305)
contains.

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Color

**XYZ(52.8180, 41.1348,
56.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	E791C2
RGB	231, 145, 194
RGB Percent	91%, 57%, 76%
CMY	0.0941, 0.4313, 0.2392
CMYK	0.00, 0.37, 0.16, 0.09
HSL	326°, 64%, 74%
HSV	326°, 37%, 91%
XYZ	52.8180, 41.1348, 56.1949
YIQ	176.3000, 35.5270, 33.4710

Conversions

Conversions Part 2

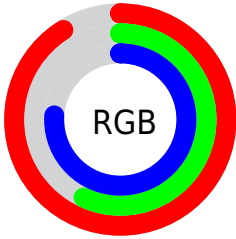
Format	Color
R _Y B	231, 145, 194
Decimal	15176130
CIE Lab	70.27, 39.22, -11.68
CIE LCh	70, 40.921, 343.409
Yxy	41.1348, 0.3518, 0.2740
Android (android.graphics.Color)	4293366210 (0xFFE791C2)
YUV	176.3000, 8.7261, 47.9719
Hunter-Lab	64.1364, 34.7606, -7.0531

Details

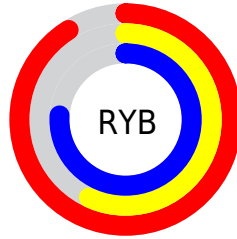
The XYZ color **52.8180, 41.1348, 56.1949** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **48.6983, 66.5501, 54.5379**, and the grayscale version is **41.3674, 43.5217, 47.3951**.

A 20% lighter version of the original color is **79.3069, 69.5336, 100.5082**, and **26.1035, 18.7208, 27.0486** is the 20% darker color. If you saturate the color by 10%, you get **48.5614, 34.3483, 49.4518**, and if you desaturate by 10%, it is **57.8693, 49.3902, 63.5721**.

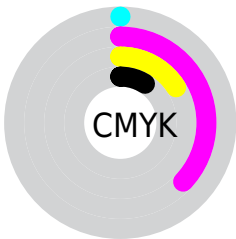
Distribution



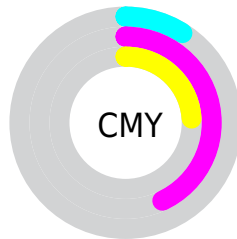
- Red (91%)
- Green (57%)
- Blue (76%)



- Red (91%)
- Yellow (57%)
- Blue (76%)



- Cyan (0%)
- Magenta (37%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8180, 41.1348, 56.1949 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 52.8180, 41.1348, 56.1949 by changing the saturation by 10% instead.

52.8180, 41.1348,
56.1949

52.8180, 41.1348,
56.1949

387.8588,
350.8837, 427.8345

37.8844, 28.4244,
39.9542

93.5036, 76.8885,
100.7781

26.0698, 18.6458,
27.1893

119.9863,
100.7006, 129.9577

17.0088, 11.4147,
17.4817

151.0495,
128.9821, 164.2873

10.3361, 6.3465,
10.4130

187.0584,
162.1173, 204.1854

5.6863, 3.0569,
5.5645

228.3784,
200.4907, 250.0707

2.6941, 1.1615,
2.5176

275.3749,

0.9942, 0.0299,

244.4866, 302.3616

0.8495

328.4132,
294.4895, 361.4767

■ 0.0000, 0.0000,
0.0000

■ 52.8180, 41.1348,
56.1949

■ 52.8180, 41.1348,
56.1949

■ 48.5614, 34.3483,
49.4518

■ 57.8693, 49.3902,
63.5721

■ 45.0507, 28.9367,
43.3182

■ 63.7531, 59.1894,
71.6017

■ 42.2369, 24.8044,
37.7707

■ 70.5092, 70.6092,
80.3042

■ 40.0636, 21.8407,
32.7830

■ 78.1735, 83.7194,
89.6980

■ 38.4645, 19.9157,
28.3252

■ 84.9982, 95.0222,
99.2071

■ 37.3535, 18.8596,
24.3602

■ 86.5461, 95.6414,
107.3586

■ 37.0935, 18.6444,
23.3342

■ 86.7652, 95.7290,
108.5123

Harmonies

Analogous

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



48.6552, 41.1348, 77.3682



52.8180, 41.1348, 56.1949



53.0450, 41.1348, 36.7516

Triad

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



52.8180, 41.1348, 56.1949



36.1799, 41.1348, 17.5950



30.4502, 41.1348, 75.2974

Complementary

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



52.8180, 41.1348, 56.1949



48.6983, 66.5501, 54.5379

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.



27.8378, 41.1348, 53.9198



52.8180, 41.1348, 56.1949



30.8812, 41.1348, 22.9438

Square

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



52.8180, 41.1348, 56.1949



42.9000, 41.1348, 17.8815



27.9860, 41.1348, 35.0410



35.5264, 41.1348, 90.3776

Rectangle

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



52.8180, 41.1348, 56.1949



50.8922, 41.1348, 27.3624



27.9860, 41.1348, 35.0410



29.2822, 41.1348, 68.3817

Sweetspot

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



52.8192, 41.1367, 56.1957



84.8627, 82.6377, 96.2176



43.5681, 35.8262, 80.2207



17.9159, 17.2681, 20.2756



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.



52.8192, 41.1367, 56.1957



61.7501, 44.5275, 63.4960



48.7631, 39.5143, 34.8366



14.7193, 14.5049, 16.7224



20.8584, 10.4776, 13.4153



1.5877, 0.7928, 1.2354

Inverse Universe

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



52.8192, 41.1367, 56.1957



61.7501, 44.5275, 63.4960



53.6863, 68.5453, 80.8044



14.7193, 14.5049, 16.7224



20.8584, 10.4776, 13.4153



1.5877, 0.7928, 1.2354

Previews

White Background



This preview shows how the XYZ color 52.8180, 41.1348, 56.1949 looks on a white background.

Color Contrast Check

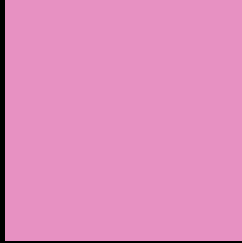
Large Text (above 18pt) WCAG AA × Fail

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 52.8180, 41.1348, 56.1949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

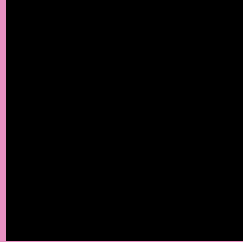
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8180, 41.1348, 56.1949

Background



This preview shows how black text looks on a background with the XYZ color 52.8180, 41.1348, 56.1949.



This preview shows how white text looks on a background with the XYZ color 52.8180, 41.1348,

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

52.8180, 41.1348, 56.1949

Protanopia

41.4250, 41.6155, 67.4773

Deuteranopia

42.3530, 41.5467, 54.5023



Tritanopia

49.2667, 41.0727, 39.5136

Trichromacy



Original Color

52.8180, 41.1348, 56.1949



Protanomaly

44.6788, 40.9398, 63.3050



Deuteranomaly

45.5280, 41.0453, 54.8132



Tritanomaly

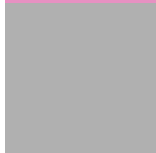
50.3823, 41.0449, 45.3114

Monochromacy



Original Color

52.8180, 41.1348, 56.1949



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

44.7673, 42.0649, 50.5596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8180, 41.1348, 56.1949 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(231, 145, 194)` looks like.

```
.text, #text, p{  
    color:rgb(231, 145, 194)  
}
```

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(231, 145, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 145, 194) }
```

Border

The CSS property to change the border of an element to XYZ 52.8180, 41.1348, 56.1949 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(231, 145, 194) }
```


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

```
.border{ border-color:rgb(231, 145, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 145, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 145, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 145, 194);  
box-shadow:4px 4px 4px 4px rgb(231, 145,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8180, 41.1348, 56.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 145, 194) }
```

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

```
.background{ background-color: rgb(231,  
145, 194) }
```

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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