

Converting Colors

XYZ(56.6424, 51.9127, 31.6461)

Have a look what the booklet for
XYZ(56.6424, 51.9127, 31.6461)
contains.

XYZ(56.6580, 52.0091, 31.4787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6580, 52.0091,
31.4787)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B18B
RGB	241, 177, 139
RGB Percent	95%, 69%, 55%
CMY	0.0549, 0.3059, 0.4549
CMYK	0.00, 0.27, 0.42, 0.05
HSL	22°, 78%, 75%
HSV	22°, 42%, 95%
XYZ	56.6580, 52.0091, 31.4787
YIQ	191.8040, 50.3420, 1.7500

Conversions

Conversions Part 2

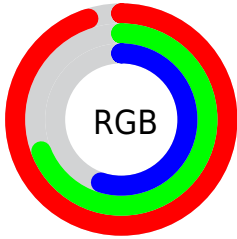
Format	Color
R _Y B	241, 200, 139
Decimal	15839627
CIE Lab	77.29, 18.71, 28.59
CIE LCh	77, 34.168, 56.806
Yxy	52.0091, 0.4043, 0.3711
Android (android.graphics.Color)	4294029707 (0xFFFF1B18B)
YUV	191.8040, -26.0324, 43.1449
Hunter-Lab	72.1173, 14.0308, 24.6025

Details

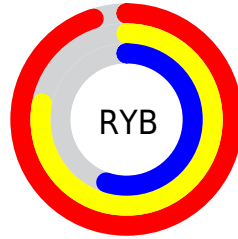
The XYZ color **56.6580, 52.0091, 31.4787** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.8798, 54.5498, 91.2247**, and the grayscale version is **50.1162, 52.7261, 57.4188**.

A 20% lighter version of the original color is **80.0046, 83.3881, 62.3309**, and **28.5393, 25.2039, 12.8118** is the 20% darker color. If you saturate the color by 10%, you get **52.2647, 45.7367, 22.2634**, and if you desaturate by 10%, it is **61.7730, 59.1036, 42.8505**.

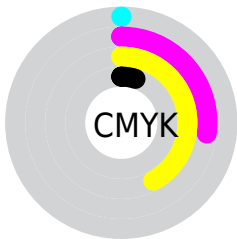
Distribution



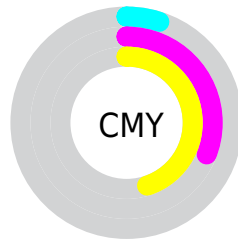
- Red (95%)
- Green (69%)
- Blue (55%)



- Red (95%)
- Yellow (78%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)
- Black (5%)





- Cyan (5%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6580, 52.0091, 31.4787 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 56.6580, 52.0091, 31.4787 by changing the saturation by 10% instead.


 56.6580, 52.0091,
31.4787

 56.6580, 52.0091,
31.4787


402.2015,
394.4717, 323.1569


 40.9698, 37.0123,
20.7021

 99.1002, 93.1447,
63.0813

 28.4830, 25.2170,
12.7173


 126.5850,
120.0522, 84.7445

 18.8324, 16.2388,
7.1058


 158.7326,
151.6989, 110.8736

 11.6525, 9.6933,
3.4489

195.9085,
188.4690, 141.8871

 6.5781, 5.1961,
1.3282

238.4779,
230.7469, 178.2037

 3.2436, 2.3628,
0.0847

286.8064,

 1.2839, 0.8066,

278.9171, 220.2418

0.0000

341.2591,
333.3639, 268.4200

■ 0.1711, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6580, 52.0091,
31.4787

■ 56.6580, 52.0091,
31.4787

■ 52.2647, 45.7367,
22.2634

■ 61.7730, 59.1036,
42.8505

■ 48.5527, 40.2472,
15.0622

■ 67.6396, 67.0426,
56.5025

■ 45.4830, 35.5089,
9.7201

■ 74.2903, 75.8569,
72.5529

■ 43.0104, 31.4844,
6.0576

■ 81.7547, 85.5733,
91.1103

■ 41.0820, 28.1322,
3.8588

■ 89.3273, 95.9241,
108.4149

■ 39.9146, 25.9788,
2.9107

■ 90.0856, 97.4408,
108.6677

Harmonies

Analogous

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



61.5551, 52.0091, 41.8627



56.6580, 52.0091, 31.4787



50.1384, 52.0091, 27.6977

Triad

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



56.6580, 52.0091, 31.4787



37.8883, 52.0091, 54.6422



55.3367, 52.0091, 95.3343

Complementary

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



56.6580, 52.0091, 31.4787



47.8798, 54.5498, 91.2247

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.



48.7344, 52.0091, 100.8465



56.6580, 52.0091, 31.4787



39.0172, 52.0091, 74.5140

Square

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



56.6580, 52.0091, 31.4787



39.6198, 52.0091, 39.0797



42.8501, 52.0091, 92.5172



60.7461, 52.0091, 78.7743

Rectangle

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



56.6580, 52.0091, 31.4787



45.8782, 52.0091, 28.6301



42.8501, 52.0091, 92.5172



53.1670, 52.0091, 98.6797

Sweetspot

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



56.6593, 52.0116, 31.4797



83.8850, 85.4864, 81.0812



56.3597, 41.5070, 61.9171



17.5829, 17.8075, 16.4480



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.



56.6593, 52.0116, 31.4797



59.9601, 52.7826, 26.4131



68.5146, 75.7223, 35.4315



16.2552, 16.7236, 16.5210



21.7634, 14.3249, 1.6179



1.9029, 1.3764, 0.1654

Inverse Universe

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



47.8798, 54.5498, 91.2247



48.7025, 55.9810, 102.8463



37.8510, 34.4922, 87.8818



15.7237, 16.8814, 20.1513



14.7624, 15.7490, 47.3897



1.3231, 1.5002, 3.9740

Previews

White Background



This preview shows how the XYZ color 56.6580, 52.0091, 31.4787 looks on a white background.

Color Contrast Check

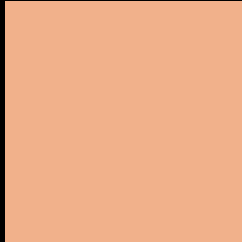
Large Text (above 18pt) WCAG AA × Fail

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 56.6580, 52.0091, 31.4787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

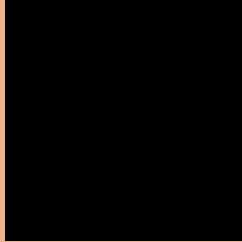
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6580, 52.0091, 31.4787

Background



This preview shows how black text looks on a background with the XYZ color 56.6580, 52.0091, 31.4787.



This preview shows how white text looks on a background with the XYZ color 56.6580, 52.0091,

31.4787.

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

56.6580, 52.0091, 31.4787

Protanopia

48.9185, 52.2851, 34.3018

Deuteranopia

53.1995, 52.0328, 31.2842



Tritanopia

60.8708, 51.9990, 52.1760

Trichromacy



Original Color

56.6580, 52.0091, 31.4787

Protanomaly

51.4303, 52.0064, 33.3142

Deuteranomaly

54.3900, 52.0385, 31.2225

Tritanomaly

59.3197, 51.9474, 43.9462

Monochromacy



Original Color

56.6580, 52.0091, 31.4787

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.8915, 52.2594, 46.8873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6580, 52.0091, 31.4787 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(241, 177, 139)` looks like.

```
.text, #text, p{  
    color:rgb(241, 177, 139)  
}
```

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(241, 177, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 177, 139) }
```

Border

The CSS property to change the border of an element to XYZ 56.6580, 52.0091, 31.4787 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(241, 177, 139) }
```


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

```
.border{ border-color:rgb(241, 177, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 177, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 177, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 177, 139);  
box-shadow:4px 4px 4px 4px rgb(241, 177,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6580, 52.0091, 31.4787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 177, 139) }
```

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

```
.background{ background-color: rgb(241,  
177, 139) }
```

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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