

Converting Colors

XYZ(56.7307, 52.7881, 31.2871)

Have a look what the booklet for
XYZ(56.7307, 52.7881, 31.2871)
contains.

XYZ(56.6427, 52.6004, 31.2123)	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(56.6427, 52.6004,
31.2123)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B38A
RGB	240, 179, 138
RGB Percent	94%, 70%, 54%
CMY	0.0588, 0.2980, 0.4588
CMYK	0.00, 0.25, 0.42, 0.06
HSL	24°, 77%, 74%
HSV	24°, 42%, 94%
XYZ	56.6427, 52.6004, 31.2123
YIQ	192.5650, 49.5170, 0.1810

Conversions

Conversions Part 2

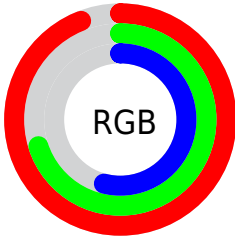
Format	Color
R _Y B	240, 207, 138
Decimal	15774602
CIE Lab	77.64, 17.15, 29.57
CIE LCh	78, 34.187, 59.891
Yxy	52.6004, 0.4033, 0.3745
Android (android.graphics.Color)	4293964682 (0xFFFF0B38A)
YUV	192.5650, -26.9005, 41.6005
Hunter-Lab	72.5261, 12.4872, 25.2523

Details

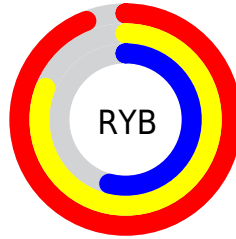
The XYZ color **56.6427, 52.6004, 31.2123** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.6320, 52.5394, 90.1213**, and the grayscale version is **50.5668, 53.2002, 57.9351**.

A 20% lighter version of the original color is **80.4628, 84.4824, 61.9351**, and **28.5137, 25.5714, 12.6655** is the 20% darker color. If you saturate the color by 10%, you get **52.3654, 46.5259, 22.1406**, and if you desaturate by 10%, it is **61.6060, 59.4323, 42.4078**.

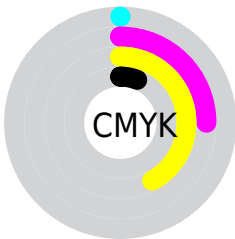
Distribution



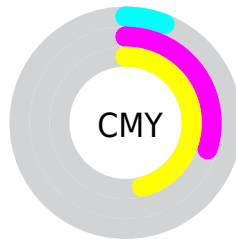
- Red (94%)
- Green (70%)
- Blue (54%)



- Red (94%)
- Yellow (81%)
- Blue (54%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (6%)





- Cyan (6%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6427, 52.6004, 31.2123 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 56.6427, 52.6004, 31.2123 by changing the saturation by 10% instead.


 56.6427, 52.6004,
31.2123

 56.6427, 52.6004,
31.2123


402.1450,
396.7501, 321.8966


 40.9575, 37.4839,
20.5007

 99.0780, 94.0161,
62.6577

 28.4734, 25.5823,
12.5719


 126.5588,
121.0841, 84.2285

 18.8251, 16.5115,
7.0072

 158.7022,
152.9046, 110.2563

 11.6472, 9.8868,
3.3881

195.8735,
189.8622, 141.1594

 6.5744, 5.3240,
1.2960

238.4380,
232.3411, 177.3564

 3.2413, 2.4386,
0.0585

286.7612,

 1.2826, 0.8456,

280.7258, 219.2660

0.0000

341.2084,
335.4007, 267.3065

■ 0.1702, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6427, 52.6004,
31.2123

■ 56.6427, 52.6004,
31.2123

■ 52.3654, 46.5259,
22.1406

■ 61.6060, 59.4323,
42.4078

■ 48.7354, 41.1729,
15.0518

■ 67.2834, 67.0407,
55.8493

■ 45.7158, 36.5131,
9.7928

■ 73.7057, 75.4536,
71.6532

■ 43.2635, 32.5133,
6.1861

■ 80.9011, 84.6948,
89.9270

■ 41.3279, 29.1360,
4.0179

■ 88.4088, 94.5927,
108.2063

■ 40.1622, 26.9793,
3.0908

■ 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



61.8378, 52.6004, 40.9875



56.6427, 52.6004, 31.2123



50.0194, 52.6004, 28.0502

Triad

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



56.6427, 52.6004, 31.2123



38.3368, 52.6004, 57.2035



56.5971, 52.6004, 94.9616

Complementary

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



56.6427, 52.6004, 31.2123



46.6320, 52.5394, 90.1213

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.



49.9709, 52.6004, 101.9041



56.6427, 52.6004, 31.2123



39.7701, 52.6004, 77.3850

Square

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



56.6427, 52.6004, 31.2123



39.7909, 52.6004, 40.8913



43.8891, 52.6004, 94.8644



61.8098, 52.6004, 77.5321

Rectangle

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



56.6427, 52.6004, 31.2123



45.7962, 52.6004, 29.4205



43.8891, 52.6004, 94.8644



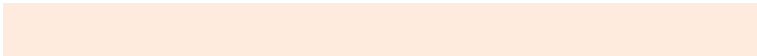
54.4431, 52.6004, 98.7503

Sweetspot

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



56.6440, 52.6029, 31.2133



84.1637, 86.0438, 81.1741



55.3560, 40.8355, 59.1195



17.6513, 17.9444, 16.4708



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.



56.6440, 52.6029, 31.2133



60.7064, 54.2752, 26.6619



68.7639, 76.8426, 35.2533



16.2944, 16.8019, 16.5340



22.1075, 15.0132, 1.7326



1.9341, 1.4388, 0.1758

Inverse Universe

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



46.6320, 52.5394, 90.1213



47.7896, 54.1552, 102.5420



36.8312, 32.9378, 86.8543



15.6834, 16.8009, 20.1379



14.1632, 14.5507, 47.1900



1.2754, 1.4048, 3.9582

Previews

White Background



This preview shows how the XYZ color 56.6427, 52.6004, 31.2123 looks on a white background.

Color Contrast Check

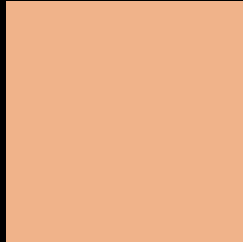
Large Text (above 18pt) WCAG AA × Fail

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 56.6427, 52.6004, 31.2123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

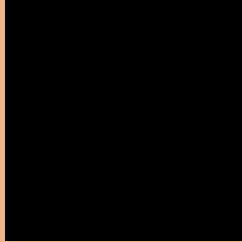
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6427, 52.6004, 31.2123

Background



This preview shows how black text looks on a background with the XYZ color 56.6427, 52.6004, 31.2123.



This preview shows how white text looks on a background with the XYZ color 56.6427, 52.6004,

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

56.6427, 52.6004, 31.2123

Protanopia

49.3373, 52.8347, 33.9833

Deuteranopia

53.6508, 52.5811, 30.9884



Tritanopia

61.1147, 52.6654, 53.3987

Trichromacy



Original Color

56.6427, 52.6004, 31.2123

Protanomaly

51.5663, 52.3991, 32.9874

Deuteranomaly

54.5220, 52.4178, 30.9109

Tritanomaly

59.4536, 52.5792, 44.5514

Monochromacy



Original Color

56.6427, 52.6004, 31.2123

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.1044, 52.6852, 46.9582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6427, 52.6004, 31.2123 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(240, 179, 138)` looks like.

```
.text, #text, p{  
    color:rgb(240, 179, 138)  
}
```

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(240, 179, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 179, 138) }
```

Border

The CSS property to change the border of an element to XYZ 56.6427, 52.6004, 31.2123 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(240, 179, 138) }
```


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

```
.border{ border-color:rgb(240, 179, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 179, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 179, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 179, 138);  
box-shadow:4px 4px 4px 4px rgb(240, 179,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6427, 52.6004, 31.2123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 179, 138) }
```

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

```
.background{ background-color: rgb(240,  
179, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor