

Converting Colors

XYZ(56.0652, 56.8449, 24.1170)

Have a look what the booklet for
XYZ(56.0652, 56.8449, 24.1170)
contains.

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Color

**XYZ(56.0962, 56.8702,
24.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC173
RGB	234, 193, 115
RGB Percent	92%, 76%, 45%
CMY	0.0824, 0.2431, 0.5490
CMYK	0.00, 0.18, 0.51, 0.08
HSL	39°, 74%, 68%
HSV	39°, 51%, 92%
XYZ	56.0962, 56.8702, 24.2401
YIQ	196.3670, 49.4740, -15.5660

Conversions

Conversions Part 2

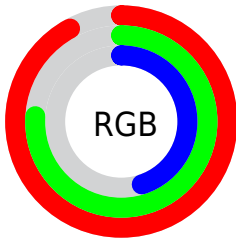
Format	Color
RYB	178, 234, 115
Decimal	15384947
CIELab	80.11, 5.15, 44.49
CIELCh	80, 44.784, 83.391
Yxy	56.8702, 0.4088, 0.4145
Android (android.graphics.Color)	4293575027 (0xFFEAC173)
YUV	196.3670, -40.1139, 33.0041
Hunter-Lab	75.4123, 0.8074, 33.7308

Details

The XYZ color **56.0962, 56.8702, 24.2401** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.8095, 33.3610, 82.4991**, and the grayscale version is **52.9037, 55.6588, 60.6125**.

A 20% lighter version of the original color is **82.1836, 91.8385, 50.4409**, and **28.2080, 28.3564, 8.8371** is the 20% darker color. If you saturate the color by 10%, you get **53.1835, 52.9331, 17.4483**, and if you desaturate by 10%, it is **59.4506, 61.1437, 32.8662**.

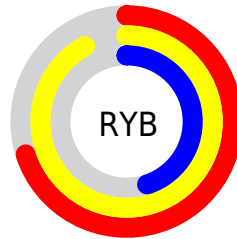
Distribution



Red (92%)

Green (76%)

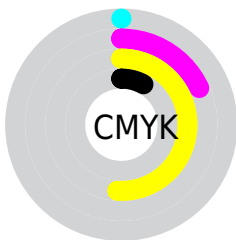
Blue (45%)



Red (70%)

Yellow (92%)

Blue (45%)

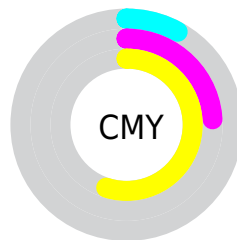


Cyan (0%)

Magenta (18%)

Yellow (51%)

Black (8%)



Cyan (8%)


Magenta (24%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0962, 56.8702, 24.2401 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 56.0962, 56.8702, 24.2401 by changing the saturation by 10% instead.


 56.0962, 56.8702,
24.2401


 56.0962, 56.8702,
24.2401


400.1231,
412.9628, 287.3577


 40.5174, 40.9010,
15.2980

 98.2842, 100.2758,
51.3705

 28.1282, 28.2418,
8.8798


 125.6241,
128.4810, 70.3958

 18.5632, 18.5080,
4.5671


 157.6150,
161.5336, 93.6192

 11.4572, 11.3153,
1.9414

194.6224,
199.8181, 121.4594

 6.4448, 6.2793,
0.5189

237.0115,
243.7189, 154.3348

 3.1606, 3.0157,
0.0000

285.1478,

 1.2393, 1.1399,

293.6204, 192.6639

0.0000

339.3965,
349.9068, 236.8654

■ 0.1370, 0.0118,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0962, 56.8702,
24.2401

■ 56.0962, 56.8702,
24.2401

■ 53.1835, 52.9331,
17.4483

■ 59.4506, 61.1437,
32.8662

■ 50.6804, 49.3107,
12.3480


■ 63.2676, 65.7579,
43.4483


■ 48.5565, 45.9904,
8.7806

■ 67.5716, 70.7271,
56.1012


■ 46.7740, 42.9546,
6.5550


■ 72.3840, 76.0621,
70.9301

 45.3866, 40.4024,
5.4063

 77.7246, 81.7731,
88.0328

 83.5473, 87.8438,
107.1599

 85.9915, 92.7322,
107.9746

 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



65.1963, 56.8702, 29.7309



56.0962, 56.8702, 24.2401



47.3880, 56.8702, 26.3268

Triad

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



56.0962, 56.8702, 24.2401



39.5071, 56.8702, 84.0698



69.3824, 56.8702, 96.9476

Complementary

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



56.0962, 56.8702, 24.2401



33.8095, 33.3610, 82.4991

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.



61.3163, 56.8702, 120.3784



56.0962, 56.8702, 24.2401



44.2585, 56.8702, 111.6005

Square

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



56.0962, 56.8702, 24.2401



38.4423, 56.8702, 56.3217



52.0608, 56.8702, 126.3832



73.4048, 56.8702, 67.8818

Rectangle

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



56.0962, 56.8702, 24.2401



42.8824, 56.8702, 32.1341



52.0608, 56.8702, 126.3832



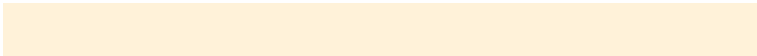
67.0133, 56.8702, 106.0408

Sweetspot

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



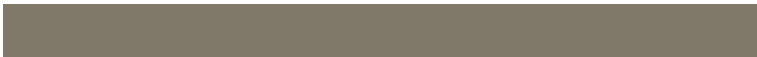
56.0976, 56.8729, 24.2412



85.4314, 89.6558, 78.2779



46.1187, 32.1768, 35.5225



18.0215, 18.8967, 15.9412



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.



56.0976, 56.8729, 24.2412



64.4971, 64.1363, 20.8977



60.8807, 74.7051, 27.4311



15.8898, 16.7026, 15.9052



25.6266, 22.9474, 3.0786



2.1013, 1.9800, 0.2714

Inverse Universe

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



33.8095, 33.3610, 82.4991



34.6419, 32.6922, 99.0921



30.6317, 23.1770, 80.7008



14.6555, 15.3974, 19.1218



10.0884, 6.8239, 44.5284



0.8790, 0.7094, 3.5255

Previews

White Background



This preview shows how the XYZ color 56.0962, 56.8702, 24.2401 looks on a white background.

Color Contrast Check

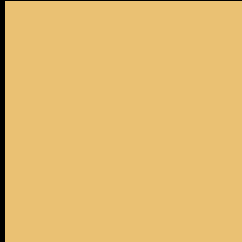
Large Text (above 18pt) WCAG AA × Fail

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 56.0962, 56.8702, 24.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

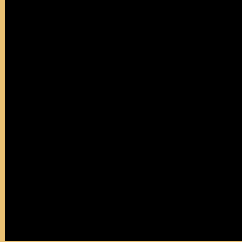
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0962, 56.8702, 24.2401

Background



This preview shows how black text looks on a background with the XYZ color 56.0962, 56.8702, 24.2401.



This preview shows how white text looks on a background with the XYZ color 56.0962, 56.8702,

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

56.0962, 56.8702, 24.2401

Protanopia

52.5478, 57.0366, 25.0692

Deuteranopia

58.1838, 56.9651, 24.4517



Tritanopia

63.6295, 56.7754, 60.4284

Trichromacy



Original Color

56.0962, 56.8702, 24.2401

Protanomaly

53.8591, 57.0408, 24.6943

Deuteranomaly

57.3798, 56.8733, 24.4764

Tritanomaly

60.3420, 56.6814, 44.3195

Monochromacy



Original Color

56.0962, 56.8702, 24.2401

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.0685, 55.5219, 44.4790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0962, 56.8702, 24.2401 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(234, 193, 115)` looks like.

```
.text, #text, p{  
    color:rgb(234, 193, 115)  
}
```

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(234, 193, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 193, 115) }
```

Border

The CSS property to change the border of an element to XYZ 56.0962, 56.8702, 24.2401 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(234, 193, 115) }
```


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

```
.border{ border-color:rgb(234, 193, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 193, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 193, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 193, 115);  
box-shadow:4px 4px 4px 4px rgb(234, 193,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0962, 56.8702, 24.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 193, 115) }
```

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

```
.background{ background-color: rgb(234,  
193, 115) }
```

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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