

Converting Colors

XYZ(56.7266, 48.4357, 23.5640)

Have a look what the booklet for
XYZ(56.7266, 48.4357, 23.5640)
contains.

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Color

**XYZ(56.5121, 48.1978,
23.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA376
RGB	252, 163, 118
RGB Percent	99%, 64%, 46%
CMY	0.0118, 0.3608, 0.5372
CMYK	0.00, 0.35, 0.53, 0.01
HSL	20°, 96%, 73%
HSV	20°, 53%, 99%
XYZ	56.5121, 48.1978, 23.4641
YIQ	184.4810, 67.4890, 4.8730

Conversions

Conversions Part 2

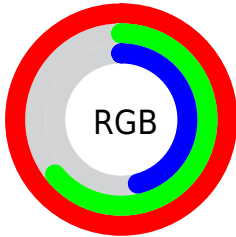
Format	Color
R _Y B	252, 186, 118
Decimal	16556918
CIE Lab	74.95, 28.42, 36.90
CIE LCh	75, 46.576, 52.402
Yxy	48.1978, 0.4409, 0.3760
Android (android.graphics.Color)	4294746998 (0xFFFC A376)
YUV	184.4810, -32.7751, 59.2142
Hunter-Lab	69.4246, 23.8070, 28.5584

Details

The XYZ color **56.5121, 48.1978, 23.4641** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.3535, 55.5029, 100.3125**, and the grayscale version is **45.9769, 48.3712, 52.6763**.

A 20% lighter version of the original color is **73.6621, 74.3431, 48.9953**, and **28.4968, 23.0050, 8.5687** is the 20% darker color. If you saturate the color by 10%, you get **52.4324, 42.1235, 15.6771**, and if you desaturate by 10%, it is **61.3874, 55.2235, 33.4904**.

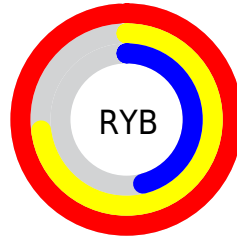
Distribution



Red (99%)

Green (64%)

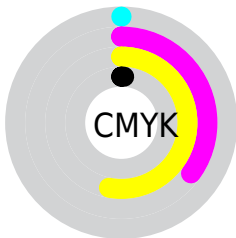
Blue (46%)



Red (99%)

Yellow (73%)

Blue (46%)

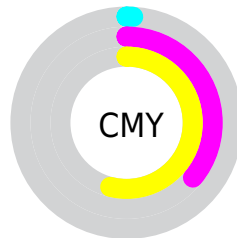


Cyan (0%)

Magenta (35%)

Yellow (53%)

Black (1%)



Cyan (1%)


Magenta (36%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5121, 48.1978, 23.4641 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 56.5121, 48.1978, 23.4641 by changing the saturation by 10% instead.


 56.5121, 48.1978,
23.4641

 56.5121, 48.1978,
23.4641


401.6624,
379.5756, 283.2986

 40.8523, 33.9836,
14.7281


 98.8884, 87.4988,
50.0871

 28.3908, 22.8810,
8.4843


 126.3356,
113.3544, 68.8111

 18.7624, 14.5056,
4.3142


 158.4426,
143.8592, 91.7015

 11.6017, 8.4732,
1.7992

195.5748,
179.3977, 119.1769

 6.5434, 4.3992,
0.4274

238.0975,
220.3541, 151.6557

 3.2220, 1.8993,
0.0000

286.3761,

 1.2722, 0.5479,

267.1130, 189.5566

0.0000

340.7759,
320.0587, 233.2981

■ 0.1623, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5121, 48.1978,
23.4641

■ 56.5121, 48.1978,
23.4641

■ 52.4324, 42.1235,
15.6771

■ 61.3874, 55.2235,
33.4904

■ 49.0969, 36.9496,
9.9496

■ 67.0983, 63.2339,
45.9111

■ 46.4526, 32.6307,
6.0784

■ 73.6861, 72.2694,
60.8703

■ 44.4361, 29.1136,
3.8161

■ 81.1881, 82.3661,
78.5000

43.3648, 27.1355,
2.9521

89.6395, 93.5578,
98.9230

93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



62.6252, 48.1978, 36.5991



56.5121, 48.1978, 23.4641



48.0035, 48.1978, 18.4348

Triad

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



56.5121, 48.1978, 23.4641



31.4571, 48.1978, 46.5360



52.3193, 48.1978, 108.6711

Complementary

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



56.5121, 48.1978, 23.4641



47.3535, 55.5029, 100.3125

Split Complementary

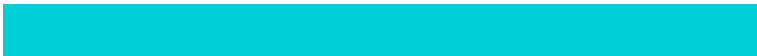
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.6854, 48.1978, 113.8167



56.5121, 48.1978, 23.4641



32.3122, 48.1978, 72.3940

Square

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



56.5121, 48.1978, 23.4641



34.0532, 48.1978, 28.8067



36.5532, 48.1978, 98.9327



60.0035, 48.1978, 86.4921

Rectangle

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



56.5121, 48.1978, 23.4641



42.3925, 48.1978, 18.7758



36.5532, 48.1978, 98.9327



49.4076, 48.1978, 112.6800

Sweetspot

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



56.5133, 48.2002, 23.4650



81.1200, 81.5589, 75.2193



57.9267, 38.1739, 63.5608



17.0185, 16.9942, 15.2877



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.



56.5133, 48.2002, 23.4650



53.5367, 42.7765, 15.5144



71.6190, 78.4117, 28.5003



17.7210, 18.1778, 18.0371



22.7104, 14.3775, 1.5782



2.1969, 1.5186, 0.1773

Inverse Universe

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



47.3535, 55.5029, 100.3125



43.1413, 50.8802, 102.1548



34.4691, 29.7340, 96.0177



17.2461, 18.5689, 22.0605



16.5273, 18.4101, 50.6560



1.6284, 1.9005, 4.7242

Previews

White Background



This preview shows how the XYZ color 56.5121, 48.1978, 23.4641 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 56.5121, 48.1978, 23.4641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

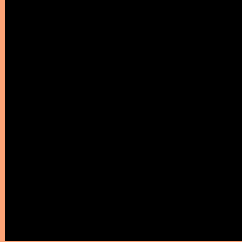
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5121, 48.1978, 23.4641

Background



This preview shows how black text looks on a background with the XYZ color 56.5121, 48.1978, 23.4641.



This preview shows how white text looks on a background with the XYZ color 56.5121, 48.1978,

23.4641.

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

56.5121, 48.1978, 23.4641

Protanopia

44.9991, 48.5096, 27.0703

Deuteranopia

49.2481, 48.3701, 22.9604



Tritanopia

60.3649, 48.2011, 43.1680

Trichromacy



Original Color

56.5121, 48.1978, 23.4641



Protanomaly

48.5736, 47.9596, 25.7658



Deuteranomaly

51.8366, 48.2584, 23.1057



Tritanomaly

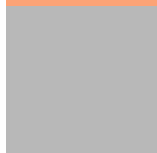
58.7762, 48.0691, 35.0346

Monochromacy



Original Color

56.5121, 48.1978, 23.4641



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.1650, 47.1440, 39.8188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5121, 48.1978, 23.4641 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(252, 163, 118)` looks like.

```
.text, #text, p{  
    color:rgb(252, 163, 118)  
}
```

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(252, 163, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 163, 118) }
```

Border

The CSS property to change the border of an element to XYZ 56.5121, 48.1978, 23.4641 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(252, 163, 118) }
```


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

```
.border{ border-color:rgb(252, 163, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 163, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 163, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 163, 118);  
box-shadow:4px 4px 4px 4px rgb(252, 163,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5121, 48.1978, 23.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 163, 118) }
```

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

```
.background{ background-color: rgb(252,  
163, 118) }
```

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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