

Converting Colors

XYZ(56.6820, 48.6841, 41.1946)

Have a look what the booklet for
XYZ(56.6820, 48.6841, 41.1946)
contains.

XYZ(56.5227, 48.6176, 41.0554)	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(56.5227, 48.6176,
41.0554)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A6A3
RGB	241, 166, 163
RGB Percent	95%, 65%, 64%
CMY	0.0549, 0.3490, 0.3608
CMYK	0.00, 0.31, 0.32, 0.05
HSL	2°, 74%, 79%
HSV	2°, 32%, 95%
XYZ	56.5227, 48.6176, 41.0554
YIQ	188.0830, 45.6630, 14.9670

Conversions

Conversions Part 2

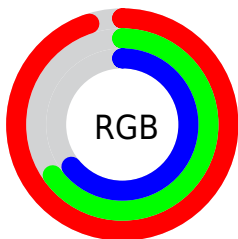
Format	Color
R _Y B	241, 166, 163
Decimal	15836835
CIE Lab	75.21, 27.31, 12.77
CIE LCh	75, 30.148, 25.071
Yxy	48.6176, 0.3866, 0.3326
Android (android.graphics.Color)	4294026915 (0xFFFF1A6A3)
YUV	188.0830, -12.3659, 46.4082
Hunter-Lab	69.7263, 22.6775, 13.8980

Details

The XYZ color **56.5227, 48.6176, 41.0554** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.5548, 75.2836, 94.5060**, and the grayscale version is **47.8982, 50.3926, 54.8776**.

A 20% lighter version of the original color is **80.0162, 78.5645, 77.2768**, and **28.3028, 23.0252, 17.9915** is the 20% darker color. If you saturate the color by 10%, you get **50.7263, 40.1574, 29.4659**, and if you desaturate by 10%, it is **63.4920, 58.7647, 55.0669**.

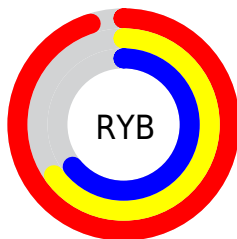
Distribution



Red (95%)

Green (65%)

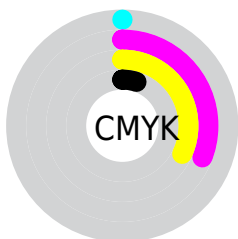
Blue (64%)



Red (95%)

Yellow (65%)

Blue (64%)

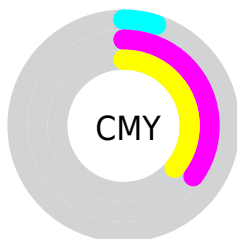


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (5%)



Cyan (5%)

Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5227, 48.6176, 41.0554 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 56.5227, 48.6176, 41.0554 by changing the saturation by 10% instead.


 56.5227, 48.6176,
41.0554


 56.5227, 48.6176,
41.0554

401.7015,
381.2349, 366.2356

 40.8608, 34.3162,
28.0423

 98.9038, 88.1232,
78.0226

 28.3975, 23.1366,
18.1183


 126.3537,
114.0963, 102.8138

 18.7675, 14.6944,
10.8646


158.4637,
144.7287, 132.3681

 11.6054, 8.6052,
5.8628

195.5990,
180.4049, 167.1041

 6.5459, 4.4846,
2.6944

238.1251,
221.5092, 207.4403

 3.2235, 1.9482,
0.9406

286.4073,

 1.2731, 0.5771,

268.4261, 253.7953

0.0000

340.8110,
321.5398, 306.5875

■ 0.1629, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5227, 48.6176,
41.0554

■ 56.5227, 48.6176,
41.0554

■ 50.7263, 40.1574,
29.4659

■ 63.4920, 58.7647,
55.0669

■ 46.0348, 33.2861,
20.1583

■ 71.6897, 70.6759,
71.6237

■ 42.3790, 27.9068,
12.9830

■ 81.1723, 84.4317,
90.8444

■ 39.6805, 23.9086,
7.7711

■ 90.0856, 97.4408,
108.6677

■ 37.8496, 21.1655,
4.3283

■ 36.7795, 19.5286,
2.4205

■ 36.3764, 18.9023,
1.7313

Harmonies

Analogous

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



57.6304, 48.6176, 55.5956



56.5227, 48.6176, 41.0554



52.5673, 48.6176, 31.6935

Triad

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



56.5227, 48.6176, 41.0554



38.0306, 48.6176, 37.3481



45.3021, 48.6176, 89.4305

Complementary

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



56.5227, 48.6176, 41.0554



61.5548, 75.2836, 94.5060

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.



40.3863, 48.6176, 82.0252



56.5227, 48.6176, 41.0554



36.4070, 48.6176, 50.3631

Square

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



56.5227, 48.6176, 41.0554



41.8499, 48.6176, 29.8713



37.2340, 48.6176, 66.9131



50.8620, 48.6176, 85.5782

Rectangle

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



56.5227, 48.6176, 41.0554



49.0027, 48.6176, 28.6320



37.2340, 48.6176, 66.9131



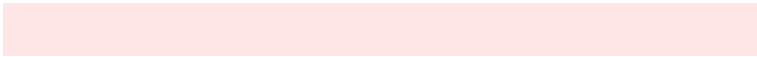
43.5246, 48.6176, 88.1387

Sweetspot

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



56.5240, 48.6199, 41.0564



83.8841, 83.8077, 86.2506



64.8645, 51.0922, 87.6405



17.6445, 17.4882, 17.8333



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.



56.5240, 48.6199, 41.0564



59.6666, 48.5728, 37.4838



64.6225, 64.8170, 43.7559



15.8216, 15.8564, 16.3764



19.7483, 10.2946, 0.9462



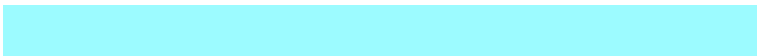
1.6599, 0.8906, 0.0844

Inverse Universe

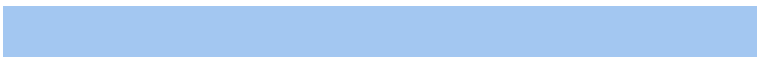
The Inverse Universe completely reimagines the original color for something new.



61.5548, 75.2836, 94.5060



66.2232, 83.3427, 107.2042



51.4974, 55.1690, 91.1536



16.1921, 17.8184, 20.3075



24.2386, 34.7014, 50.5484



2.0326, 2.9191, 4.2105

Previews

White Background



This preview shows how the XYZ color 56.5227, 48.6176, 41.0554 looks on a white background.

Color Contrast Check

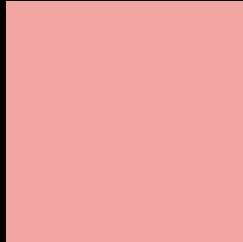
Large Text (above 18pt) WCAG AA × Fail

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 56.5227, 48.6176, 41.0554 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 56.5227, 48.6176, 41.0554

Background



This preview shows how black text looks on a background with the XYZ color 56.5227, 48.6176, 41.0554.



This preview shows how white text looks on a background with the XYZ color 56.5227, 48.6176,

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

56.5227, 48.6176, 41.0554

Protanopia

46.6300, 48.9215, 46.5203

Deuteranopia

49.7045, 48.8105, 40.5199



Tritanopia

57.7299, 48.5628, 47.4051

Trichromacy



Original Color

56.5227, 48.6176, 41.0554

Protanomaly

49.6602, 48.4070, 44.2622

Deuteranomaly

52.0891, 48.5687, 40.8117

Tritanomaly

57.4238, 48.7278, 44.9069

Monochromacy



Original Color

56.5227, 48.6176, 41.0554

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.1901, 49.1626, 49.4919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5227, 48.6176, 41.0554 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, 166, 163)` looks like.

```
.text, #text, p{  
    color:rgb(241, 166, 163)  
}
```

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, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 166, 163) }
```

Border

The CSS property to change the border of an element to XYZ 56.5227, 48.6176, 41.0554 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, 166, 163) }
```


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

```
.border{ border-color:rgb(241, 166, 163) }
```

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

Here you see how a box with a 4 pixel rgb(241, 166, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(241, 166,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5227, 48.6176, 41.0554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 166, 163) }
```

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

```
.background{ background-color: rgb(241,  
166, 163) }
```

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