

Converting Colors

XYZ(61.3453, 56.2405, 46.0133)

Have a look what the booklet for
XYZ(61.3453, 56.2405, 46.0133)
contains.

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Color

**XYZ(61.4533, 56.2759,
46.1515)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B8AB
RGB	243, 184, 171
RGB Percent	95%, 72%, 67%
CMY	0.0471, 0.2784, 0.3294
CMYK	0.00, 0.24, 0.30, 0.05
HSL	11°, 75%, 81%
HSV	11°, 30%, 95%
XYZ	61.4533, 56.2759, 46.1515
YIQ	200.1590, 39.3370, 8.4650

Conversions

Conversions Part 2

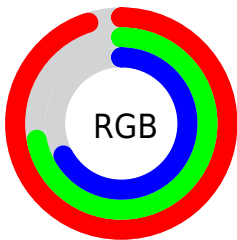
Format	Color
R _Y B	243, 187, 171
Decimal	15972523
CIE Lab	79.77, 19.55, 14.89
CIE LCh	80, 24.572, 37.289
Yxy	56.2759, 0.3750, 0.3434
Android (android.graphics.Color)	4294162603 (0xFFFF3B8AB)
YUV	200.1590, -14.3754, 37.5716
Hunter-Lab	75.0173, 14.9450, 16.0362

Details

The XYZ color **61.4533, 56.2759, 46.1515** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.2682, 71.7204, 95.4084**, and the grayscale version is **55.0677, 57.9355, 63.0918**.

A 20% lighter version of the original color is **86.1276, 89.0712, 84.6046**, and **31.6958, 28.0036, 21.1875** is the 20% darker color. If you saturate the color by 10%, you get **55.4978, 47.7369, 33.7702**, and if you desaturate by 10%, it is **68.4198, 66.1548, 60.9717**.

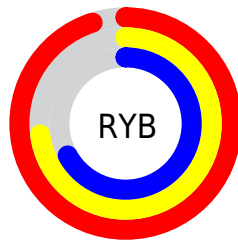
Distribution



Red (95%)

Green (72%)

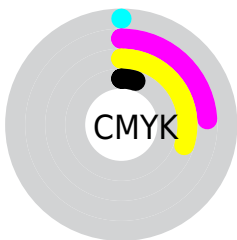
Blue (67%)



Red (95%)

Yellow (73%)

Blue (67%)

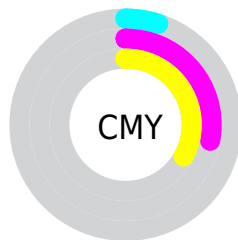


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (5%)



Cyan (5%)

Magenta (28%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4533, 56.2759, 46.1515 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 61.4533, 56.2759, 46.1515 by changing the saturation by 10% instead.


 61.4533, 56.2759,
46.1515

 61.4533, 56.2759,
46.1515


419.6835,
410.7304, 387.7127

 44.8450, 40.4242,
32.0159


 106.0294, 99.4079,
85.7824

 31.5361, 27.8694,
21.1087


134.7280,
127.4569, 112.1147

 21.1613, 18.2272,
13.0115

168.1873,
160.3404, 143.3496

 13.3551, 11.1133,
7.3056

206.7728,
198.4430, 179.9057

 7.7522, 6.1431,
3.5726

250.8498,
242.1488, 222.2015

 3.9873, 2.9323,
1.3939

300.7837,

 1.6949, 1.0965,

291.8424, 270.6556

0.1370

356.9398,
347.9082, 325.6865

■ 0.4531, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4533, 56.2759,
46.1515

■ 61.4533, 56.2759,
46.1515

■ 55.4978, 47.7369,
33.7702

■ 68.4198, 66.1548,
60.9717

■ 50.5012, 40.4722,
23.6932

■ 76.4372, 77.4198,
78.3486

■ 46.4136, 34.4224,
15.7783

■ 85.5485, 90.1246,
98.3965

■ 43.1784, 29.5202,
9.8658

■ 90.7722, 97.7947,
108.6998

■ 40.7327, 25.6917,
5.7737

■ 39.0039, 22.8538,
3.2866

■ 37.8915, 20.9053,
2.0639

■ 37.8589, 20.8480,
2.0287

Harmonies

Analogous

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



63.5334, 56.2759, 57.8695



61.4533, 56.2759, 46.1515



57.2617, 56.2759, 39.3463

Triad

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



61.4533, 56.2759, 46.1515



45.1525, 56.2759, 51.3086



54.7095, 56.2759, 92.6112

Complementary

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



61.4533, 56.2759, 46.1515



61.2682, 71.7204, 95.4084

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.



49.8849, 56.2759, 90.1313



61.4533, 56.2759, 46.1515



44.5625, 56.2759, 64.8113

Square

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



61.4533, 56.2759, 46.1515



47.9081, 56.2759, 41.9863



46.2436, 56.2759, 79.3865



59.4864, 56.2759, 85.7167

Rectangle

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



61.4533, 56.2759, 46.1515



53.9416, 56.2759, 37.8108



46.2436, 56.2759, 79.3865



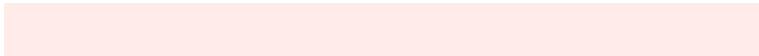
53.0380, 56.2759, 92.8622

Sweetspot

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



61.4548, 56.2785, 46.1526



85.8643, 87.1925, 88.6855



65.9493, 53.9506, 82.5392



18.0809, 18.2462, 18.3323



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.



61.4548, 56.2785, 46.1526



64.1459, 56.4657, 42.2625



69.6447, 72.6584, 48.8826



16.7412, 16.9665, 17.1901



20.8475, 11.5805, 1.1365



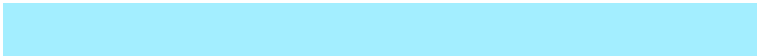
1.8980, 1.1493, 0.1218

Inverse Universe

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



61.2682, 71.7204, 95.4084



63.8919, 76.4210, 105.9910



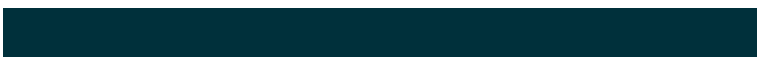
52.4879, 54.1599, 92.4817



16.7273, 18.2188, 21.1775



20.1929, 26.1796, 50.5269



1.8396, 2.4307, 4.4624

Previews

White Background



This preview shows how the XYZ color 61.4533, 56.2759, 46.1515 looks on a white background.

Color Contrast Check

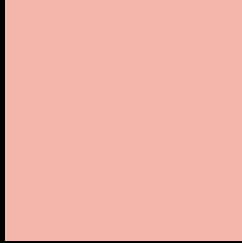
Large Text (above 18pt) WCAG AA × Fail

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 61.4533, 56.2759, 46.1515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

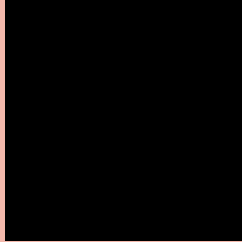
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4533, 56.2759, 46.1515

Background



This preview shows how black text looks on a background with the XYZ color 61.4533, 56.2759, 46.1515.



This preview shows how white text looks on a background with the XYZ color 61.4533, 56.2759,

46.1515.

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

61.4533, 56.2759, 46.1515

Protanopia

53.4557, 56.2687, 50.1630

Deuteranopia

57.5651, 56.4948, 45.9008



Tritanopia

63.9177, 56.3553, 58.5478

Trichromacy



Original Color

61.4533, 56.2759, 46.1515

Protanomaly

55.8009, 55.8545, 48.3974

Deuteranomaly

58.8432, 56.1924, 45.7750

Tritanomaly

62.8991, 56.2342, 53.9935

Monochromacy



Original Color

61.4533, 56.2759, 46.1515

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.7960, 56.8566, 56.1251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4533, 56.2759, 46.1515 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(243, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(243, 184, 171)  
}
```

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(243, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 184, 171) }
```

Border

The CSS property to change the border of an element to XYZ 61.4533, 56.2759, 46.1515 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(243, 184, 171) }
```


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

```
.border{ border-color:rgb(243, 184, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 184, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(243, 184,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4533, 56.2759, 46.1515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 184, 171) }
```

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

```
.background{ background-color: rgb(243,  
184, 171) }
```

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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