

Converting Colors

XYZ(61.3092, 56.6975, 45.2490)

Have a look what the booklet for
XYZ(61.3092, 56.6975, 45.2490)
contains.

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Color

**XYZ(61.3383, 56.8596,
45.2782)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2BAA9 |
| RGB | 242, 186, 169 |
| RGB Percent | 95%, 73%, 66% |
| CMY | 0.0510, 0.2706, 0.3372 |
| CMYK | 0.00, 0.23, 0.30, 0.05 |
| HSL | 14°, 74%, 81% |
| HSV | 14°, 30%, 95% |
| XYZ | 61.3383, 56.8596, 45.2782 |
| YIQ | 200.8060, 38.8330, 6.5850 |

Conversions

Conversions Part 2

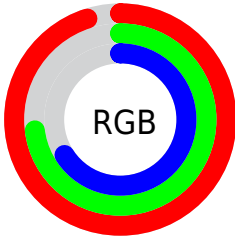
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 242, 191, 169 |
| Decimal | 15907497 |
| CIE Lab | 80.10, 17.86, 16.41 |
| CIE LCh | 80, 24.251, 42.580 |
| Yxy | 56.8596, 0.3752, 0.3478 |
| Android (android.graphics.Color) | 4294097577 (0xFFF2BAA9) |
| YUV | 200.8060, -15.6804, 36.1271 |
| Hunter-Lab | 75.4053, 13.2412, 17.1822 |

Details

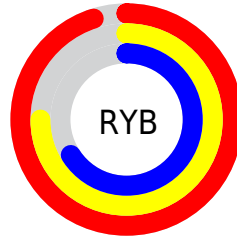
The XYZ color **61.3383, 56.8596, 45.2782** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.3136, 68.6941, 94.1378**, and the grayscale version is **55.4756, 58.3647, 63.5591**.

A 20% lighter version of the original color is **86.4467, 90.1461, 83.3647**, and **31.6060, 28.3737, 20.6405** is the 20% darker color. If you saturate the color by 10%, you get **55.6136, 48.7156, 33.1797**, and if you desaturate by 10%, it is **67.9945, 66.1932, 59.7628**.

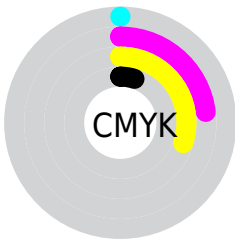
Distribution



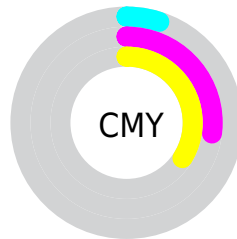
- Red (95%)
- Green (73%)
- Blue (66%)



- Red (95%)
- Yellow (75%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3383, 56.8596, 45.2782 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 61.3383, 56.8596, 45.2782 by changing the saturation by 10% instead.


 61.3383, 56.8596,
45.2782

 61.3383, 56.8596,
45.2782


419.2694,
412.9230, 384.0920

 44.7518, 40.8925,
31.3321


 105.8640,
100.2603, 84.4606

 31.4624, 28.2351,
20.5913


134.5338,
128.4627, 110.5339

 21.1048, 18.5030,
12.6372


167.9623,
161.5124, 141.4868

 13.3135, 11.3117,
7.0514

206.5145,
199.7937, 177.7376

 7.7233, 6.2769,
3.4154

250.5560,
243.6910, 219.7050

 3.9687, 3.0142,
1.3104

300.4521,

 1.6844, 1.1391,

293.5887, 267.8075

0.0703

356.5681,
349.8712, 322.4637

0.4465, 0.0111,
0.0000

0.0000, 0.0000,
0.0000

61.3383, 56.8596,
45.2782

61.3383, 56.8596,
45.2782

55.6136, 48.7156,
33.1797

67.9945, 66.1932,
59.7628

50.7734, 41.7051,
23.3351

75.6176, 76.7537,
76.7492

46.7729, 35.7791,
15.6043

84.2465, 88.5867,
96.3496

43.5615, 30.8821,
9.8303

90.4281, 97.6173,
108.6837

■ 41.0828, 26.9532,
5.8336

■ 39.2719, 23.9244,
3.4014

■ 38.0504, 21.7419,
2.1911

Harmonies

Analogous

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



63.8470, 56.8596, 56.1762



61.3383, 56.8596, 45.2782



56.9351, 56.8596, 39.4262

Triad

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



61.3383, 56.8596, 45.2782



45.4831, 56.8596, 54.1235



56.1373, 56.8596, 92.4130

Complementary

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



61.3383, 56.8596, 45.2782



59.3136, 68.6941, 94.1378

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.



51.2512, 56.8596, 91.6392



61.3383, 56.8596, 45.2782



45.2984, 56.8596, 68.0222

Square

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



61.3383, 56.8596, 45.2782



47.8719, 56.8596, 43.9733



47.3510, 56.8596, 82.1859



60.7237, 56.8596, 84.1621

Rectangle

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



61.3383, 56.8596, 45.2782



53.6172, 56.8596, 38.5307



47.3510, 56.8596, 82.1859



54.4718, 56.8596, 93.2319

Sweetspot

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



61.3398, 56.8623, 45.2794



86.2116, 87.8870, 88.8012



64.5590, 52.7548, 78.8640



18.1658, 18.4160, 18.3606



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.



61.3398, 56.8623, 45.2794



65.1309, 58.4357, 42.5908



69.7199, 73.6226, 48.0727



16.0716, 16.3563, 16.4597



20.5269, 11.8520, 1.2058



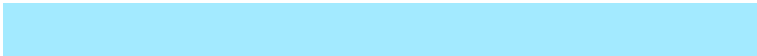
1.7813, 1.1332, 0.1249

Inverse Universe

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



59.3136, 68.6941, 94.1378



62.5088, 73.6548, 105.5300



50.7347, 51.5363, 91.2782



15.9171, 17.2683, 20.2158



18.1099, 22.4441, 48.5055



1.5813, 2.0166, 4.0601

Previews

White Background



This preview shows how the XYZ color 61.3383, 56.8596, 45.2782 looks on a white background.

Color Contrast Check

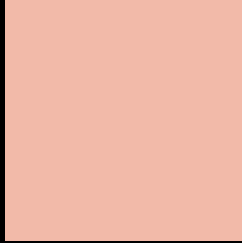
Large Text (above 18pt) WCAG AA × Fail

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 61.3383, 56.8596, 45.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

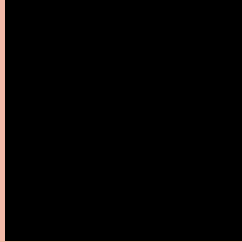
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3383, 56.8596, 45.2782

Background



This preview shows how black text looks on a background with the XYZ color 61.3383, 56.8596, 45.2782.



This preview shows how white text looks on a background with the XYZ color 61.3383, 56.8596,

45.2782.

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

61.3383, 56.8596, 45.2782

Protanopia

53.9444, 56.8932, 48.6958

Deuteranopia

58.0118, 56.7468, 44.9415



Tritanopia

64.3479, 56.8539, 59.8069

Trichromacy



Original Color

61.3383, 56.8596, 45.2782

Protanomaly

56.3498, 56.8163, 47.5319

Deuteranomaly

59.1972, 56.7148, 44.8728

Tritanomaly

63.1046, 56.6452, 54.0620

Monochromacy



Original Color

61.3383, 56.8596, 45.2782

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.2441, 57.7529, 56.2744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3383, 56.8596, 45.2782 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(242, 186, 169)` looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 169)  
}
```

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(242, 186, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 169) }
```

Border

The CSS property to change the border of an element to XYZ 61.3383, 56.8596, 45.2782 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(242, 186, 169) }
```


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

```
.border{ border-color:rgb(242, 186, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 186, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 186, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 186, 169);  
box-shadow:4px 4px 4px 4px rgb(242, 186,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3383, 56.8596, 45.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 186, 169) }
```

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

```
.background{ background-color: rgb(242,  
186, 169) }
```

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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