

Converting Colors

XYZ(60.0455, 56.1922, 44.9038)

Have a look what the booklet for
XYZ(60.0455, 56.1922, 44.9038)
contains.

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Color

**XYZ(59.8867, 56.1221,
44.7221)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBAA8
RGB	238, 186, 168
RGB Percent	93%, 73%, 66%
CMY	0.0667, 0.2706, 0.3412
CMYK	0.00, 0.22, 0.29, 0.07
HSL	15°, 67%, 80%
HSV	15°, 29%, 93%
XYZ	59.8867, 56.1221, 44.7221
YIQ	199.4960, 36.7700, 5.4260

Conversions

Conversions Part 2

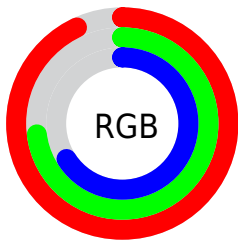
Format	Color
R _Y B	238, 192, 168
Decimal	15645352
CIE Lab	79.68, 16.22, 16.30
CIE LCh	80, 22.997, 45.147
Yxy	56.1221, 0.3726, 0.3492
Android (android.graphics.Color)	4293835432 (0xFFEEBAA8)
YUV	199.4960, -15.5275, 33.7680
Hunter-Lab	74.9147, 11.5920, 17.0457

Details

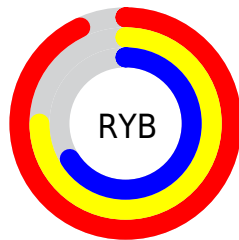
The XYZ color **59.8867, 56.1221, 44.7221** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.1736, 65.6823, 90.5537**, and the grayscale version is **54.6677, 57.5147, 62.6335**.

A 20% lighter version of the original color is **86.3114, 90.0920, 82.6524**, and **30.5960, 27.8598, 20.2879** is the 20% darker color. If you saturate the color by 10%, you get **54.3726, 48.3233, 32.9280**, and if you desaturate by 10%, it is **66.2704, 65.0100, 58.8093**.

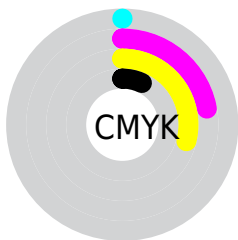
Distribution



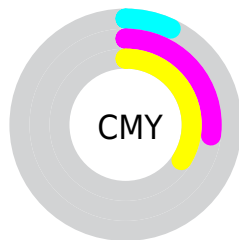
- Red (93%)
- Green (73%)
- Blue (66%)



- Red (93%)
- Yellow (75%)
- Blue (66%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8867, 56.1221, 44.7221 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 59.8867, 56.1221, 44.7221 by changing the saturation by 10% instead.


 59.8867, 56.1221,
44.7221


 59.8867, 56.1221,
44.7221


414.0215,
410.1515, 381.7741

 43.5764, 40.3008,
30.8972


 103.7726, 99.1831,
83.6173

 30.5341, 27.7732,
20.2628


 132.0789,
127.1916, 109.5246

 20.3944, 18.1547,
12.4002


165.1146,
160.0313, 140.2966

 12.7920, 11.0611,
6.8910

203.2451,
198.0865, 176.3517

 7.3615, 6.1080,
3.3166

246.8356,
241.7418, 218.1085

 3.7375, 2.9108,
1.2585

296.2516,

 1.5547, 1.0854,

291.3815, 265.9854

0.0274

351.8585,
347.3899, 320.4011

■ 0.3626, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8867, 56.1221,
44.7221

■ 59.8867, 56.1221,
44.7221

■ 54.3726, 48.3233,
32.9280

■ 66.2704, 65.0100,
58.8093

■ 49.6848, 41.5635,
23.3012

■ 73.5555, 75.0192,
75.2994

■ 45.7826, 35.7999,
15.7091

■ 81.7780, 86.1901,
94.2990

■ 42.6201, 30.9838,
10.0030

■ 89.0700, 96.9172,
108.6201

■ 40.1460, 27.0622,
6.0135

■ 38.3016, 23.9761,
3.5403

■ 37.0043, 21.6535,
2.2694

■ 36.9403, 21.5378,
2.2102

Harmonies

Analogous

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



62.4276, 56.1221, 54.6703



59.8867, 56.1221, 44.7221



55.6627, 56.1221, 39.5847

Triad

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



59.8867, 56.1221, 44.7221



45.1738, 56.1221, 54.7876



55.7081, 56.1221, 89.2435

Complementary

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



59.8867, 56.1221, 44.7221



57.1736, 65.6823, 90.5537

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.



51.0874, 56.1221, 89.2870



59.8867, 56.1221, 44.7221



45.1843, 56.1221, 68.0310

Square

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



59.8867, 56.1221, 44.7221



47.2633, 56.1221, 44.7972



47.2931, 56.1221, 81.0735



59.9216, 56.1221, 80.9620

Rectangle

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



59.8867, 56.1221, 44.7221



52.5459, 56.1221, 39.0251



47.2931, 56.1221, 81.0735



54.1468, 56.1221, 90.2575

Sweetspot

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



59.8882, 56.1247, 44.7232



86.3734, 88.2107, 88.8552



62.2476, 51.3769, 74.6942



18.2054, 18.4953, 18.3738



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.



59.8882, 56.1247, 44.7232



66.2344, 60.2728, 44.0992



68.0528, 72.4540, 47.4448



16.1033, 16.4196, 16.4703



20.6970, 12.1920, 1.2624



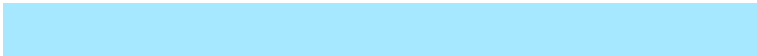
1.7994, 1.1694, 0.1309

Inverse Universe

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



57.1736, 65.6823, 90.5537



62.5925, 73.0380, 105.4065



49.0354, 49.4061, 87.8410



15.8832, 17.2005, 20.2045



17.4671, 21.1584, 48.2912



1.5326, 1.9192, 4.0439

Previews

White Background



This preview shows how the XYZ color 59.8867, 56.1221, 44.7221 looks on a white background.

Color Contrast Check

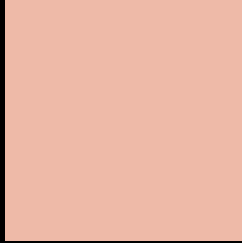
Large Text (above 18pt) WCAG AA × Fail

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 59.8867, 56.1221, 44.7221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

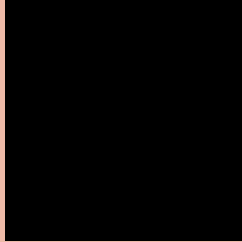
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8867, 56.1221, 44.7221

Background



This preview shows how black text looks on a background with the XYZ color 59.8867, 56.1221, 44.7221.



This preview shows how white text looks on a background with the XYZ color 59.8867, 56.1221,

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

59.8867, 56.1221, 44.7221

Protanopia

53.3384, 56.2539, 48.0913

Deuteranopia

57.3834, 56.1109, 44.3653



Tritanopia

62.9674, 56.1422, 59.7423

Trichromacy



Original Color

59.8867, 56.1221, 44.7221

Protanomaly

55.4298, 56.0239, 46.9220

Deuteranomaly

58.4514, 56.3410, 44.3534

Tritanomaly

61.7316, 55.9374, 53.9978

Monochromacy



Original Color

59.8867, 56.1221, 44.7221

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8095, 56.3605, 55.5142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8867, 56.1221, 44.7221 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(238, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(238, 186, 168)  
}
```

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(238, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 186, 168) }
```

Border

The CSS property to change the border of an element to XYZ 59.8867, 56.1221, 44.7221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

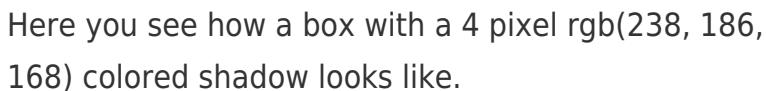
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 186, 168) }
```


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

```
.border{ border-color:rgb(238, 186, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 186, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 186, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 186, 168);  
box-shadow:4px 4px 4px 4px rgb(238, 186,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8867, 56.1221, 44.7221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 186, 168) }
```

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

```
.background{ background-color: rgb(238,  
186, 168) }
```

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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