

Converting Colors

XYZ(60.3253, 59.7556, 44.8435)

Have a look what the booklet for
XYZ(60.3253, 59.7556, 44.8435)
contains.

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Color

**XYZ(60.3193, 59.5935,
44.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C4A7
RGB	233, 196, 167
RGB Percent	91%, 77%, 65%
CMY	0.0863, 0.2314, 0.3451
CMYK	0.00, 0.16, 0.28, 0.09
HSL	26°, 60%, 78%
HSV	26°, 28%, 91%
XYZ	60.3193, 59.5935, 44.8827
YIQ	203.7570, 31.3610, -1.1750

Conversions

Conversions Part 2

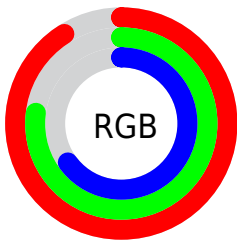
Format	Color
R _Y B	233, 219, 167
Decimal	15320231
CIE Lab	81.62, 8.92, 19.46
CIE LCh	82, 21.404, 65.384
Yxy	59.5935, 0.3660, 0.3616
Android (android.graphics.Color)	4293510311 (0xFFE9C4A7)
YUV	203.7570, -18.1212, 25.6461
Hunter-Lab	77.1968, 4.3801, 19.5662

Details

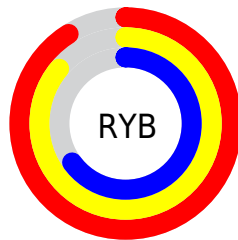
The XYZ color **60.3193, 59.5935, 44.8827** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.2367, 57.2829, 85.3947**, and the grayscale version is **57.3393, 60.3254, 65.6943**.

A 20% lighter version of the original color is **89.5501, 96.7845, 83.0687**, and **30.6720, 29.8139, 20.3577** is the 20% darker color. If you saturate the color by 10%, you get **55.5379, 53.1726, 33.6023**, and if you desaturate by 10%, it is **65.7484, 66.6881, 58.2950**.

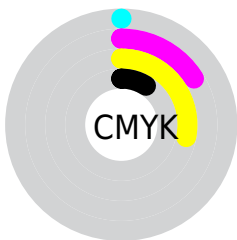
Distribution



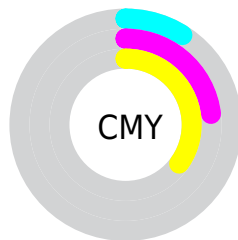
- Red (91%)
- Green (77%)
- Blue (65%)



- Red (91%)
- Yellow (86%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3193, 59.5935, 44.8827 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 60.3193, 59.5935, 44.8827 by changing the saturation by 10% instead.


 60.3193, 59.5935,
44.8827


 60.3193, 59.5935,
44.8827


415.5896,
423.0978, 382.4445

 43.9265, 43.0911,
31.0228


 104.3964,
104.2398, 83.8609

 30.8104, 29.9566,
20.3576

 132.8115,
133.1524, 109.8163

 20.6056, 19.8056,
12.4686

165.9646,
166.9705, 140.6406

 12.9468, 12.2538,
6.9372

204.2212,
206.0786, 176.7524

 7.4687, 6.9168,
3.3450

247.9467,
250.8609, 218.5701

 3.8058, 3.4101,
1.2734

297.5063,

 1.5929, 1.3494,

301.7020, 266.5123

0.0398

353.2655,
358.9862, 320.9976

0.3878, 0.1790,
0.0000

0.0000, 0.0000,
0.0000

60.3193, 59.5935,
44.8827

60.3193, 59.5935,
44.8827

55.5379, 53.1726,
33.6023

65.7484, 66.6881,
58.2950

51.3722, 47.3958,
24.3380

71.8462, 74.4683,
73.9390

47.7941, 42.2432,
16.9688

78.6381, 82.9564,
91.9130

44.7713, 37.6905,
11.3588

85.2981, 91.8310,
107.8372

■ 42.2675, 33.7113,
7.3538

■ 87.4144, 96.0637,
108.5427

■ 40.2410, 30.2766,
4.7722

■ 38.6349, 27.3505,
3.3549

■ 38.3948, 26.9044,
3.1694

Harmonies

Analogous

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



63.9857, 59.5935, 51.5818



60.3193, 59.5935, 44.8827



55.8347, 59.5935, 43.2291

Triad

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



60.3193, 59.5935, 44.8827



48.4643, 59.5935, 67.2378



61.7961, 59.5935, 87.2358

Complementary

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



60.3193, 59.5935, 44.8827



52.2367, 57.2829, 85.3947

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.



57.4568, 59.5935, 92.7866



60.3193, 59.5935, 44.8827



49.8826, 59.5935, 80.3038

Square

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



60.3193, 59.5935, 44.8827



49.1411, 59.5935, 55.1119



53.1170, 59.5935, 90.0959



64.8694, 59.5935, 75.7550

Rectangle

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



60.3193, 59.5935, 44.8827



53.0165, 59.5935, 44.9924



53.1170, 59.5935, 90.0959



60.4288, 59.5935, 89.9216

Sweetspot

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



60.3209, 59.5962, 44.8839



88.3976, 91.6750, 91.3306



58.3707, 49.3406, 63.8264



18.6662, 19.3006, 18.8859



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.



60.3209, 59.5962, 44.8839



70.5040, 68.4346, 46.6857



68.4886, 75.9317, 47.6065



15.6102, 16.1433, 15.8120



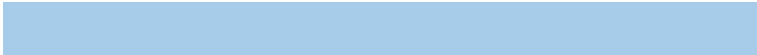
21.9047, 15.5036, 1.8380



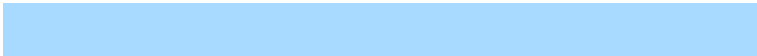
1.8144, 1.4061, 0.1758

Inverse Universe

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



52.2367, 57.2829, 85.3947



59.0491, 65.1512, 104.0710



45.2836, 43.3766, 83.0770



14.9316, 15.9497, 19.2139



13.0465, 12.7401, 45.5144



1.1200, 1.1915, 3.6058

Previews

White Background



This preview shows how the XYZ color 60.3193, 59.5935, 44.8827 looks on a white background.

Color Contrast Check

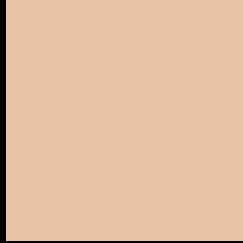
Large Text (above 18pt) WCAG AA × Fail

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 60.3193, 59.5935, 44.8827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

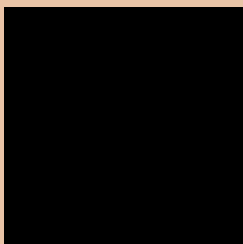
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3193, 59.5935, 44.8827

Background



This preview shows how black text looks on a background with the XYZ color 60.3193, 59.5935, 44.8827.



This preview shows how white text looks on a background with the XYZ color 60.3193, 59.5935,

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

60.3193, 59.5935, 44.8827

Protanopia

56.3432, 59.9103, 46.6244

Deuteranopia

60.7511, 59.4824, 44.8385



Tritanopia

64.5753, 59.6739, 65.8723

Trichromacy



Original Color

60.3193, 59.5935, 44.8827

Protanomaly

57.6345, 59.5453, 45.9918

Deuteranomaly

60.4218, 59.3127, 44.8231

Tritanomaly

63.0660, 59.7344, 57.4962

Monochromacy



Original Color

60.3193, 59.5935, 44.8827

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.3149, 59.9819, 57.7944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3193, 59.5935, 44.8827 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(233, 196, 167)` looks like.

```
.text, #text, p{  
    color:rgb(233, 196, 167)  
}
```

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(233, 196, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 196, 167) }
```

Border

The CSS property to change the border of an element to XYZ 60.3193, 59.5935, 44.8827 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(233, 196, 167) }
```


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

```
.border{ border-color:rgb(233, 196, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 196, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 196, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 196, 167);  
box-shadow:4px 4px 4px 4px rgb(233, 196,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3193, 59.5935, 44.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 196, 167) }
```

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

```
.background{ background-color: rgb(233,  
196, 167) }
```

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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