

Converting Colors

XYZ(59.3739, 56.9389, 38.8713)

Have a look what the booklet for
XYZ(59.3739, 56.9389, 38.8713)
contains.

XYZ(59.3739, 56.9389, 38.8713)	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(59.3739, 56.9389,
38.8713)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBD9B
RGB	238, 189, 155
RGB Percent	93%, 74%, 61%
CMY	0.0667, 0.2588, 0.3922
CMYK	0.00, 0.21, 0.35, 0.07
HSL	25°, 71%, 77%
HSV	25°, 35%, 93%
XYZ	59.3739, 56.9389, 38.8713
YIQ	199.7750, 40.1180, -0.1860

Conversions

Conversions Part 2

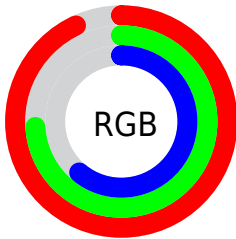
Format	Color
R _Y B	238, 213, 155
Decimal	15646107
CIE Lab	80.15, 13.00, 23.89
CIE LCh	80, 27.197, 61.441
Yxy	56.9389, 0.3826, 0.3669
Android (android.graphics.Color)	4293836187 (0xFFEEBD9B)
YUV	199.7750, -22.0741, 33.5233
Hunter-Lab	75.4579, 8.4012, 22.2779

Details

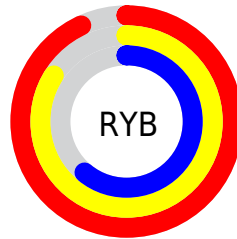
The XYZ color **59.3739, 56.9389, 38.8713** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5423, 56.3254, 89.0970**, and the grayscale version is **54.8767, 57.7346, 62.8730**.

A 20% lighter version of the original color is **85.5253, 91.2180, 74.0719**, and **30.3589, 28.4316, 16.9845** is the 20% darker color. If you saturate the color by 10%, you get **54.6919, 50.4645, 28.4025**, and if you desaturate by 10%, it is **64.7455, 64.1618, 51.5147**.

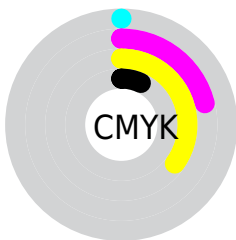
Distribution



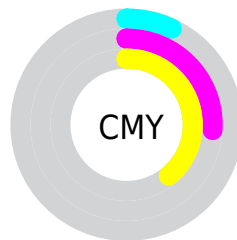
- Red (93%)
- Green (74%)
- Blue (61%)



- Red (93%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (7%)





- Cyan (7%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3739, 56.9389, 38.8713 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 59.3739, 56.9389, 38.8713 by changing the saturation by 10% instead.

 59.3739, 56.9389,
38.8713


 59.3739, 56.9389,
38.8713


412.1579,
413.2203, 356.7526

 43.1617, 40.9562,
26.3526


 103.0324,
100.3760, 74.6598

 30.2071, 28.2849,
16.8595


 131.2095,
128.5992, 98.7667

 20.1447, 18.5405,
9.9734


164.1055,
161.6714, 127.5734

 12.6091, 11.3387,
5.2760

202.0859,
199.9769, 161.4984

 7.2351, 6.2952,
2.3485

245.5159,
243.9002, 200.9603

 3.6572, 3.0254,
0.7582

294.7611,

 1.5101, 1.1450,

293.8255, 246.3776

0.0000

350.1866,
350.1375, 298.1689

■ 0.3327, 0.0161,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3739, 56.9389,
38.8713

■ 59.3739, 56.9389,
38.8713

■ 54.6919, 50.4645,
28.4025

■ 64.7455, 64.1618,
51.5147

■ 50.6637, 44.7047,
19.9795

■ 70.8318, 72.1495,
66.4443

■ 47.2563, 39.6345,
13.4655

■ 77.6615, 80.9280,
83.7683

■ 44.4318, 35.2242,
8.7047

■ 85.2607, 90.5195,
103.5866

■ 42.1467, 31.4412,
5.5166

■ 89.0699, 96.9172,
108.6201

■ 40.3497, 28.2486,
3.6802

■ 39.5818, 26.8208,
3.0907

Harmonies

Analogous

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



63.7278, 56.9389, 47.4027



59.3739, 56.9389, 38.8713



53.8511, 56.9389, 36.2211

Triad

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



59.3739, 56.9389, 38.8713



44.1506, 56.9389, 62.7676



59.8691, 56.9389, 91.8459

Complementary

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



59.3739, 56.9389, 38.8713



50.5423, 56.3254, 89.0970

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.



54.3872, 56.9389, 97.7792



59.3739, 56.9389, 38.8713



45.5276, 56.9389, 79.3154

Square

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



59.3739, 56.9389, 38.8713



45.2892, 56.9389, 48.5231



49.1831, 56.9389, 92.8470



64.0271, 56.9389, 77.7589

Rectangle

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



59.3739, 56.9389, 38.8713



50.3165, 56.9389, 37.7103



49.1831, 56.9389, 92.8470



58.1078, 56.9389, 94.9584

Sweetspot

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



59.3754, 56.9416, 38.8725



86.5974, 89.2343, 87.1551



57.9769, 46.0185, 63.4583



18.2966, 18.7923, 18.0506



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.



59.3754, 56.9416, 38.8725



65.3785, 60.9972, 36.3033



69.3899, 76.9707, 42.2106



16.3046, 16.8224, 16.5374



22.2026, 15.2032, 1.7643



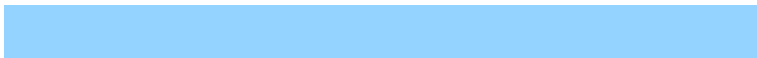
1.9426, 1.4558, 0.1786

Inverse Universe

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



50.5423, 56.3254, 89.0970



53.5690, 60.1553, 103.3955



42.1013, 39.4433, 86.2834



15.6729, 16.7798, 20.1344



14.0125, 14.2492, 47.1397



1.2633, 1.3807, 3.9541

Previews

White Background



This preview shows how the XYZ color 59.3739, 56.9389, 38.8713 looks on a white background.

Color Contrast Check

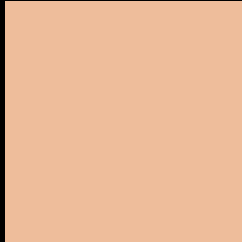
Large Text (above 18pt) WCAG AA × Fail

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 59.3739, 56.9389, 38.8713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

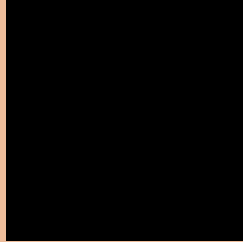
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3739, 56.9389, 38.8713

Background



This preview shows how black text looks on a background with the XYZ color 59.3739, 56.9389, 38.8713.



This preview shows how white text looks on a background with the XYZ color 59.3739, 56.9389,

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

59.3739, 56.9389, 38.8713

Protanopia

53.5454, 57.1989, 41.0192

Deuteranopia

58.1515, 56.9518, 38.9382



Tritanopia

63.6295, 56.7754, 60.4284

Trichromacy



Original Color

59.3739, 56.9389, 38.8713

Protanomaly

55.5055, 56.8710, 40.3995

Deuteranomaly

58.5908, 56.8556, 38.8965

Tritanomaly

62.0681, 56.7761, 51.9435

Monochromacy



Original Color

59.3739, 56.9389, 38.8713

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.1232, 57.2367, 53.4372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3739, 56.9389, 38.8713 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, 189, 155)` looks like.

```
.text, #text, p{  
    color:rgb(238, 189, 155)  
}
```

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, 189, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 189, 155) }
```

Border

The CSS property to change the border of an element to XYZ 59.3739, 56.9389, 38.8713 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, 189, 155) }
```


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

```
.border{ border-color:rgb(238, 189, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 189, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 189, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 189, 155);  
box-shadow:4px 4px 4px 4px rgb(238, 189,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3739, 56.9389, 38.8713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 189, 155) }
```

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

```
.background{ background-color: rgb(238,  
189, 155) }
```

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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