

Converting Colors

XYZ(39.0136, 43.3279, 27.0759)

Have a look what the booklet for
XYZ(39.0136, 43.3279, 27.0759)
contains.

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Color

**XYZ(38.9389, 43.2495,
27.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B281
RGB	181, 178, 129
RGB Percent	71%, 70%, 51%
CMY	0.2902, 0.3019, 0.4941
CMYK	0.00, 0.02, 0.29, 0.29
HSL	57°, 26%, 61%
HSV	57°, 29%, 71%
XYZ	38.9389, 43.2495, 27.0646
YIQ	173.3110, 17.5170, -14.6030

Conversions

Conversions Part 2

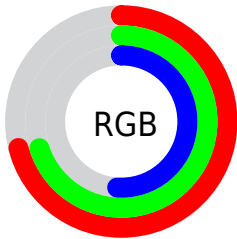
Format	Color
RYB	132, 181, 129
Decimal	11907713
CIELab	71.72, -6.77, 25.50
CIELCh	72, 26.381, 104.868
Yxy	43.2495, 0.3564, 0.3959
Android (android.graphics.Color)	4290097793 (0xFFB5B281)
YUV	173.3110, -21.8453, 6.7433
Hunter-Lab	65.7644, -9.3982, 21.6349

Details

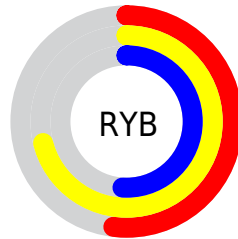
The XYZ color **38.9389, 43.2495, 27.0646** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.6450, 24.5053, 47.0946**, and the grayscale version is **39.9820, 42.0641, 45.8078**.

A 20% lighter version of the original color is **72.7914, 80.2276, 55.9049**, and **17.4973, 19.7438, 10.2859** is the 20% darker color. If you saturate the color by 10%, you get **37.6346, 42.3985, 21.2108**, and if you desaturate by 10%, it is **40.4602, 44.1928, 34.0433**.

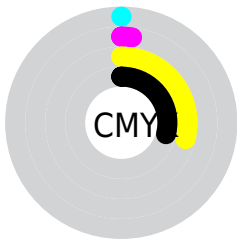
Distribution



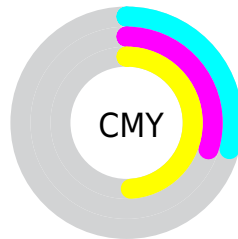
- Red (71%)
- Green (70%)
- Blue (51%)



- Red (52%)
- Yellow (71%)
- Blue (51%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9389, 43.2495, 27.0646 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 38.9389, 43.2495, 27.0646 by changing the saturation by 10% instead.

■ 38.9389, 43.2495,
27.0646

■ 38.9389, 43.2495,
27.0646

332.8423,
359.6368, 301.7398

■ 26.8927, 30.0809,
17.3889

■ 72.8396, 80.0872,
55.9925

■ 17.6288, 19.9000,
10.3473

■ 95.4249, 104.5252,
76.0818

■ 10.7819, 12.3224,
5.5212

■ 122.2539,
133.4884, 100.4793

■ 5.9866, 6.9636,
2.4922

153.6920,
167.3612, 129.6036

■ 2.8775, 3.4394,
0.8360

190.1045,
206.5281, 163.8733

■ 1.0893, 1.3652,
0.0000

231.8568,

■ 0.0162, 0.1909,

251.3734, 203.7069

0.0000

279.3143,
302.2815, 249.5229

■ 0.0000, 0.0000,
0.0000

■ 38.9389, 43.2495,
27.0646

■ 38.9389, 43.2495,
27.0646

■ 37.6346, 42.3985,
21.2108

■ 40.4602, 44.1928,
34.0433

■ 36.5326, 41.6296,
16.4198

■ 42.2055, 45.2267,
42.1989

■ 35.6219, 40.9396,
12.6279

■ 44.1857, 46.3571,
51.5836

■ 34.8887, 40.3231,
9.7633

■ 46.4100, 47.5877,
62.2458

■ 34.3176, 39.7740,
7.7449

■ 48.8871, 48.9219,
74.2310

■ 33.8906, 39.2850,
6.4773

■ 51.6251, 50.3630,
87.5828

■ 33.5760, 38.8435,
5.7940

■ 54.5187, 51.8690,
101.7460

■ 33.5385, 38.7885,
5.7193

■ 54.7381, 52.3078,
101.8192

■ 54.9592, 52.7499,
101.8928

Harmonies

Analogous

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



43.3945, 43.2495, 27.0849



38.9389, 43.2495, 27.0646



35.3313, 43.2495, 31.6973

Triad

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



38.9389, 43.2495, 27.0646



35.3060, 43.2495, 66.7019



49.9849, 43.2495, 53.8210

Complementary

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



38.9389, 43.2495, 27.0646



25.6450, 24.5053, 47.0946

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.



47.4809, 43.2495, 66.8031



38.9389, 43.2495, 27.0646



38.9020, 43.2495, 75.1079

Square

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



38.9389, 43.2495, 27.0646



33.3396, 43.2495, 53.7014



43.3549, 43.2495, 75.1480



49.9966, 43.2495, 41.0473

Rectangle

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



38.9389, 43.2495, 27.0646



33.7996, 43.2495, 37.3823



43.3549, 43.2495, 75.1480



49.3992, 43.2495, 58.3508

Sweetspot

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



38.9400, 43.2514, 27.0655



75.4487, 80.9182, 74.9169



31.1036, 27.2036, 25.6097



16.2052, 17.4298, 15.7129



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.9400, 43.2514, 27.0655



68.3298, 76.5515, 42.1127



34.6792, 41.9495, 27.0388



9.1543, 9.8211, 9.0657



23.1383, 26.7751, 3.9486



0.7406, 0.8676, 0.1284

Inverse Universe

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



25.6450, 24.5053, 47.0946



40.8962, 37.8723, 83.4492



29.0529, 25.6678, 47.1393



8.0800, 8.3061, 10.6837



5.8454, 2.4913, 30.3098



0.1969, 0.1043, 0.9580

Previews

White Background



This preview shows how the XYZ color 38.9389, 43.2495, 27.0646 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 38.9389, 43.2495, 27.0646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

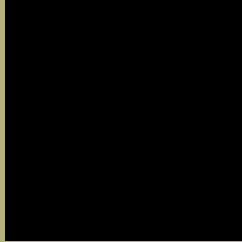
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9389, 43.2495, 27.0646

Background



This preview shows how black text looks on a background with the XYZ color 38.9389, 43.2495, 27.0646.



This preview shows how white text looks on a background with the XYZ color 38.9389, 43.2495,

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

38.9389, 43.2495, 27.0646

Protanopia

40.2125, 43.0373, 26.6097

Deuteranopia

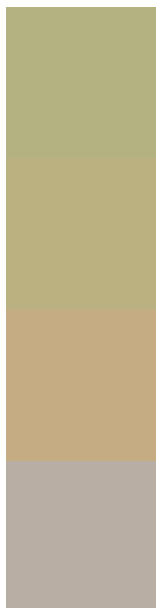
43.8315, 42.9094, 27.4449



Tritanopia

43.9537, 43.2779, 51.3843

Trichromacy



Original Color

38.9389, 43.2495, 27.0646

Protanomaly

39.6713, 43.0483, 26.6403

Deuteranomaly

42.0705, 43.1225, 27.2252

Tritanomaly

41.8445, 43.2667, 41.2678

Monochromacy



Original Color

38.9389, 43.2495, 27.0646

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.3203, 42.3244, 37.9953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9389, 43.2495, 27.0646 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(181, 178, 129)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 129)  
}
```

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(181, 178, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 129) }
```

Border

The CSS property to change the border of an element to XYZ 38.9389, 43.2495, 27.0646 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(181, 178, 129) }
```


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

```
.border{ border-color:rgb(181, 178, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 178, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 129);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9389, 43.2495, 27.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 129) }
```

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

```
.background{ background-color: rgb(181,  
178, 129) }
```

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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