

Converting Colors

XYZ(39.2179, 42.4539, 26.1779)

Have a look what the booklet for
XYZ(39.2179, 42.4539, 26.1779)
contains.

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Color

**XYZ(39.1683, 42.5065,
26.2189)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AF7F
RGB	185, 175, 127
RGB Percent	73%, 69%, 50%
CMY	0.2745, 0.3137, 0.5020
CMYK	0.00, 0.05, 0.31, 0.27
HSL	50°, 29%, 61%
HSV	50°, 31%, 73%
XYZ	39.1683, 42.5065, 26.2189
YIQ	172.5180, 21.3680, -12.8080

Conversions

Conversions Part 2

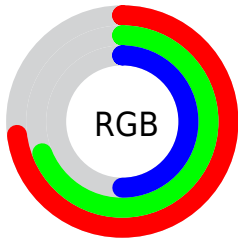
Format	Color
RYB	139, 185, 127
Decimal	12169087
CIELab	71.22, -3.86, 25.95
CIELCh	71, 26.236, 98.468
Yxy	42.5065, 0.3630, 0.3940
Android (android.graphics.Color)	4290359167 (0xFFB9AF7F)
YUV	172.5180, -22.4404, 10.9467
Hunter-Lab	65.1970, -6.8576, 21.7945

Details

The XYZ color **39.1683, 42.5065, 26.2189** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.4549, 25.9055, 49.5049**, and the grayscale version is **39.5789, 41.6401, 45.3461**.

A 20% lighter version of the original color is **73.1530, 78.7662, 54.5278**, and **17.7826, 19.5270, 9.8530** is the 20% darker color. If you saturate the color by 10%, you get **37.4588, 40.8429, 20.2370**, and if you desaturate by 10%, it is **41.1161, 44.2918, 33.3735**.

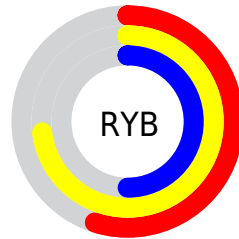
Distribution



Red (73%)

Green (69%)

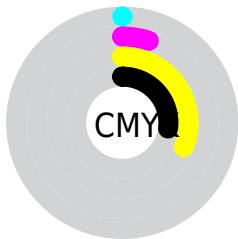
Blue (50%)



Red (55%)

Yellow (73%)

Blue (50%)

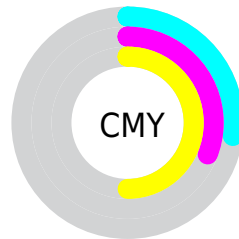


Cyan (0%)

Magenta (5%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (31%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1683, 42.5065, 26.2189 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 39.1683, 42.5065, 26.2189 by changing the saturation by 10% instead.


 39.1683, 42.5065,
26.2189


 39.1683, 42.5065,
26.2189


333.8004,
356.5783, 297.4946


 27.0720, 29.4981,
16.7602


 73.1878, 78.9656,
54.6163

 17.7642, 19.4579,
9.9035


 95.8417, 103.1851,
74.3921

 10.8795, 12.0016,
5.2303


 122.7454,
131.9105, 98.4440

 6.0525, 6.7448,
2.3219

154.2645,
165.5260, 127.1906

 2.9180, 3.3030,
0.7435

190.7641,
204.4162, 161.0505

 1.1106, 1.2919,
0.0000

232.6098,

 0.0339, 0.1349,

248.9653, 200.4420

0.0000

280.1667,
299.5579, 245.7839

■ 0.0000, 0.0000,
0.0000

■ 39.1683, 42.5065,
26.2189

■ 39.1683, 42.5065,
26.2189

■ 37.4588, 40.8429,
20.2370

■ 41.1161, 44.2918,
33.3735

■ 35.9720, 39.2903,
15.3611

■ 43.3101, 46.1977,
41.7572

■ 34.6957, 37.8449,
11.5222

■ 45.7621, 48.2306,
51.4259

■ 33.6149, 36.5007,
8.6420

■ 48.4820, 50.3945,
62.4313

■ 32.7127, 35.2508,
6.6315

■ 51.4790, 52.6934,
74.8224

■ 31.9687, 34.0867,
5.3847

■ 54.7622, 55.1309,
88.6454

■ 31.4180, 33.1352,
4.7398

■ 58.0972, 57.6135,
102.6662

■ 58.8304, 59.0799,
102.9106

■ 59.5791, 60.5772,
103.1602

Harmonies

Analogous

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



43.5858, 42.5065, 27.2077



39.1683, 42.5065, 26.2189



35.3644, 42.5065, 29.7886

Triad

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



39.1683, 42.5065, 26.2189



34.1338, 42.5065, 63.0467



48.7912, 42.5065, 55.7546

Complementary

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



39.1683, 42.5065, 26.2189



26.4549, 25.9055, 49.5049

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.



45.8948, 42.5065, 67.9578



39.1683, 42.5065, 26.2189



37.3756, 42.5065, 72.6713

Square

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



39.1683, 42.5065, 26.2189



32.5991, 42.5065, 49.9421



41.6596, 42.5065, 74.6153



49.3582, 42.5065, 42.8059

Rectangle

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



39.1683, 42.5065, 26.2189



33.6119, 42.5065, 34.7344



41.6596, 42.5065, 74.6153



48.0481, 42.5065, 60.1421

Sweetspot

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



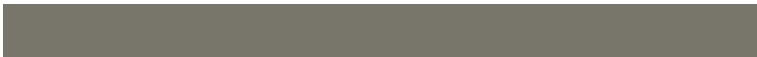
39.1694, 42.5084, 26.2198



78.4952, 83.5220, 78.4011



32.1583, 27.3179, 27.4843



16.7901, 17.8946, 16.3872



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.1694, 42.5084, 26.2198



67.8837, 73.9430, 38.9670



37.0390, 44.4060, 26.6983



9.6149, 10.2329, 9.5753



21.4398, 22.6559, 3.2430



0.7910, 0.8690, 0.1260

Inverse Universe

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



26.4549, 25.9055, 49.5049



41.3391, 39.2894, 87.6094



28.0886, 24.7352, 49.1929



8.6429, 8.9630, 11.3539



6.3502, 3.1601, 31.5283



0.2627, 0.1890, 1.1244

Previews

White Background



This preview shows how the XYZ color 39.1683, 42.5065, 26.2189 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 39.1683, 42.5065, 26.2189 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 39.1683, 42.5065, 26.2189

Background



This preview shows how black text looks on a background with the XYZ color 39.1683, 42.5065, 26.2189.



This preview shows how white text looks on a background with the XYZ color 39.1683, 42.5065,

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

39.1683, 42.5065, 26.2189

Protanopia

39.4603, 42.3692, 26.1770

Deuteranopia

43.2348, 42.3442, 26.6634



Tritanopia

43.8290, 42.4178, 49.5935

Trichromacy



Original Color

39.1683, 42.5065, 26.2189

Protanomaly

39.2165, 42.2435, 26.1656

Deuteranomaly

41.5597, 42.3137, 26.3990

Tritanomaly

41.9822, 42.5178, 39.7123

Monochromacy



Original Color

39.1683, 42.5065, 26.2189

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.2683, 42.0195, 37.4934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1683, 42.5065, 26.2189 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(185, 175, 127)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 127)  
}
```

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(185, 175, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 127) }
```

Border

The CSS property to change the border of an element to XYZ 39.1683, 42.5065, 26.2189 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(185, 175, 127) }
```


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

```
.border{ border-color:rgb(185, 175, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 175, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 175, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 175, 127);  
box-shadow:4px 4px 4px 4px rgb(185, 175,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1683, 42.5065, 26.2189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 127) }
```

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

```
.background{ background-color: rgb(185,  
175, 127) }
```

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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