

Converting Colors

XYZ(39.0071, 43.6418, 11.9806)

Have a look what the booklet for
XYZ(39.0071, 43.6418, 11.9806)
contains.

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Color

**XYZ(38.9869, 43.6079,
11.9926)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B245
RGB	193, 178, 69
RGB Percent	76%, 70%, 27%
CMY	0.2431, 0.3019, 0.7294
CMYK	0.00, 0.08, 0.64, 0.24
HSL	53°, 50%, 51%
HSV	53°, 64%, 76%
XYZ	38.9869, 43.6079, 11.9926
YIQ	170.0590, 43.9290, -30.7190

Conversions

Conversions Part 2

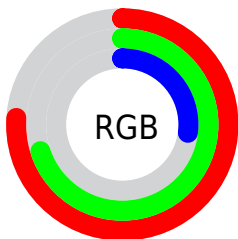
Format	Color
R_{YB}	86, 193, 69
Decimal	12694085
CIE _{Lab}	71.97, -7.66, 55.80
CIE _{LCh}	72, 56.318, 97.815
Yxy	43.6079, 0.4122, 0.4610
Android (android.graphics.Color)	4290884165 (0xFFC1B245)
YUV	170.0590, -49.8221, 20.1193
Hunter-Lab	66.0363, -10.1796, 35.4580

Details

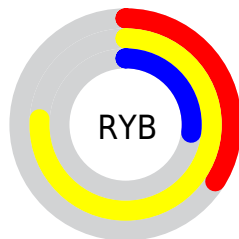
The XYZ color **38.9869, 43.6079, 11.9926** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **15.2503, 11.4559, 51.8593**, and the grayscale version is **38.4643, 40.4674, 44.0690**.

A 20% lighter version of the original color is **72.7966, 80.3784, 30.0901**, and **17.6525, 20.1713, 3.1641** is the 20% darker color. If you saturate the color by 10%, you get **38.0225, 42.4870, 9.1810**, and if you desaturate by 10%, it is **40.1561, 44.8266, 15.8345**.

Distribution



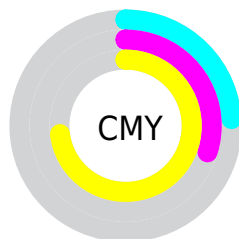
- Red (76%)
- Green (70%)
- Blue (27%)



- Red (34%)
- Yellow (76%)
- Blue (27%)



- Cyan (0%)
- Magenta (8%)
- Yellow (64%)
- Black (24%)



- Cyan (24%)
- Magenta (30%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9869, 43.6079, 11.9926 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 38.9869, 43.6079, 11.9926 by changing the saturation by 10% instead.

■ 38.9869, 43.6079,
11.9926

■ 38.9869, 43.6079,
11.9926

333.0429,
361.1058, 215.3325

■ 26.9302, 30.3624,
6.6162

■ 72.9125, 80.6274,
30.1458

■ 17.6571, 20.1138,
3.1484

■ 95.5121, 105.1702,
43.7597

■ 10.8023, 12.4778,
1.1709

■ 122.3568,
134.2475, 60.9564

■ 6.0004, 7.0700,
0.0000

■ 153.8118,
168.2437, 82.1546

■ 2.8860, 3.5059,
0.0000

■ 190.2426,
207.5433, 107.7728

■ 1.0937, 1.4012,
0.0000

232.0145,

■ 0.0199, 0.2176,

252.5305, 138.2294

0.0000

279.4928,
303.5899, 173.9432

■ 0.0000, 0.0000,
0.0000

■ 38.9869, 43.6079,
11.9926

■ 38.9869, 43.6079,
11.9926

■ 38.0225, 42.4870,
9.1810

■ 40.1561, 44.8266,
15.8345

■ 37.2401, 41.4499,
7.2934

■ 41.5440, 46.1439,
20.7940

■ 36.6168, 40.4889,
6.2050

■ 43.1671, 47.5680,
26.9521

■ 36.3034, 39.9598,
5.7996

■ 45.0390, 49.1044,
34.3814

■ 47.1727, 50.7585,
43.1491

■ 49.5799, 52.5349,
53.3172

■ 52.2717, 54.4381,
64.9443

■ 55.2587, 56.4725,
78.0852

■ 58.5508, 58.6420,
92.7923

Harmonies

Analogous

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



48.8203, 43.6079, 13.4136



38.9869, 43.6079, 11.9926



31.1241, 43.6079, 16.7547

Triad

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



38.9869, 43.6079, 11.9926



28.5025, 43.6079, 87.8562



61.0101, 43.6079, 70.3855

Complementary

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



38.9869, 43.6079, 11.9926



15.2503, 11.4559, 51.8593

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.



53.8344, 43.6079, 102.7245



38.9869, 43.6079, 11.9926



34.8580, 43.6079, 115.2320

Square

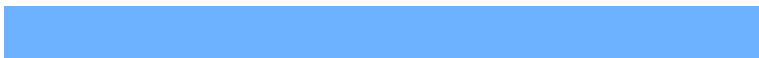
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.9869, 43.6079, 11.9926



25.7108, 43.6079, 55.0436



44.0106, 43.6079, 121.5274



62.5704, 43.6079, 40.6460

Rectangle

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



38.9869, 43.6079, 11.9926



27.6994, 43.6079, 24.5125



44.0106, 43.6079, 121.5274



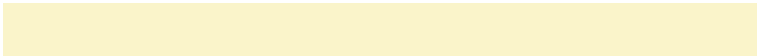
59.1266, 43.6079, 81.5959

Sweetspot

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



38.9879, 43.6100, 11.9935



82.4972, 89.3863, 69.0428



25.7816, 16.2585, 10.4858



17.4664, 18.9951, 13.8633



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.9879, 43.6100, 11.9935



67.5072, 75.3422, 14.9181



32.2728, 44.8220, 12.5814



10.8061, 11.5437, 10.7205



24.1853, 26.6564, 3.8705



1.0748, 1.2115, 0.1772

Inverse Universe

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



15.2503, 11.4559, 51.8593



21.8779, 13.6270, 91.8375



18.7545, 11.7158, 51.7247



9.6243, 9.9399, 12.6962



6.6424, 3.0412, 33.7935



0.3201, 0.1977, 1.4712

Previews

White Background



This preview shows how the XYZ color 38.9869, 43.6079, 11.9926 looks on a white background.

Color Contrast Check

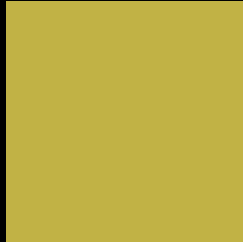
Large Text (above 18pt) WCAG AA × Fail

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 38.9869, 43.6079, 11.9926 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 38.9869, 43.6079, 11.9926

Background



This preview shows how black text looks on a background with the XYZ color 38.9869, 43.6079, 11.9926.



This preview shows how white text looks on a background with the XYZ color 38.9869, 43.6079,

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

38.9869, 43.6079, 11.9926

Protanopia

39.8223, 43.7443, 11.9749

Deuteranopia

44.3857, 43.5332, 12.1943



Tritanopia

46.6855, 43.6292, 49.1407

Trichromacy



Original Color

38.9869, 43.6079, 11.9926

Protanomaly

39.5613, 43.6097, 11.9626

Deuteranomaly

42.4682, 43.6616, 12.1505

Tritanomaly

42.8497, 43.1614, 30.8835

Monochromacy



Original Color

38.9869, 43.6079, 11.9926

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.5373, 41.0456, 28.1345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9869, 43.6079, 11.9926 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(193, 178, 69)` looks like.

```
.text, #text, p{  
    color:rgb(193, 178, 69)  
}
```

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(193, 178, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 178, 69) }
```

Border

The CSS property to change the border of an element to XYZ 38.9869, 43.6079, 11.9926 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(193, 178, 69) }
```


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

```
.border{ border-color:rgb(193, 178, 69) }
```

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

Here you see how a box with a 4 pixel rgb(193, 178, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 178, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 178, 69);  
box-shadow:4px 4px 4px 4px rgb(193, 178,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9869, 43.6079, 11.9926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 178, 69) }
```

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

```
.background{ background-color: rgb(193,  
178, 69) }
```

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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