

Converting Colors

XYZ(38.5979, 43.2140, 26.0248)

Have a look what the booklet for
XYZ(38.5979, 43.2140, 26.0248)
contains.

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Color

**XYZ(38.5087, 43.0504,
26.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B27E
RGB	180, 178, 126
RGB Percent	71%, 70%, 49%
CMY	0.2941, 0.3019, 0.5059
CMYK	0.00, 0.01, 0.30, 0.29
HSL	58°, 26%, 60%
HSV	58°, 30%, 71%
XYZ	38.5087, 43.0504, 26.0186
YIQ	172.6700, 17.8840, -15.7480

Conversions

Conversions Part 2

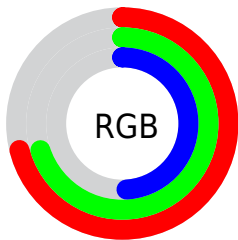
Format	Color
RYB	128, 180, 126
Decimal	11842174
CIELab	71.59, -7.56, 26.91
CIELCh	72, 27.949, 105.695
Yxy	43.0504, 0.3580, 0.4002
Android (android.graphics.Color)	4290032254 (0xFFB4B27E)
YUV	172.6700, -23.0083, 6.4284
Hunter-Lab	65.6128, -10.0593, 22.4177

Details

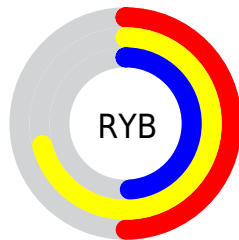
The XYZ color **38.5087, 43.0504, 26.0186** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.5616, 23.1688, 46.3577**, and the grayscale version is **39.6604, 41.7258, 45.4394**.

A 20% lighter version of the original color is **72.1516, 79.9332, 54.2737**, and **17.2423, 19.6247, 9.7166** is the 20% darker color. If you saturate the color by 10%, you get **37.3186, 42.3645, 20.3981**, and if you desaturate by 10%, it is **39.9107, 43.8250, 32.7418**.

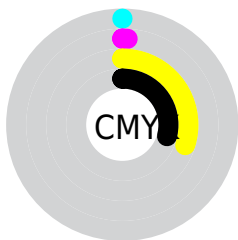
Distribution



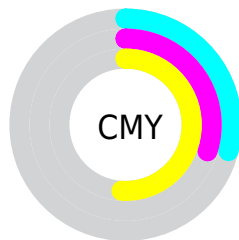
- Red (71%)
- Green (70%)
- Blue (49%)



- Red (50%)
- Yellow (71%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5087, 43.0504, 26.0186 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 38.5087, 43.0504, 26.0186 by changing the saturation by 10% instead.

■ 38.5087, 43.0504,
26.0186

■ 38.5087, 43.0504,
26.0186

331.0404,
358.8190, 296.4818

■ 26.5567, 29.9247,
16.6117

■ 72.1861, 79.7869,
54.2894

■ 17.3755, 19.7814,
9.7990

■ 94.6422, 104.1665,
73.9904

■ 10.5995, 12.2363,
5.1620

■ 121.3304,
133.0661, 97.9597

■ 5.8635, 6.9048,
2.2822

152.6161,
166.8702, 126.6160

■ 2.8021, 3.4026,
0.7212

188.8645,
205.9631, 160.3779

■ 1.0500, 1.3454,
0.0000

230.4412,

■ 0.0000, 0.1759,

250.7293, 199.6637

0.0000

277.7114,
301.5531, 244.8922

0.0000, 0.0000,
0.0000

38.5087, 43.0504,
26.0186

38.5087, 43.0504,
26.0186

37.3186, 42.3645,
20.3981

39.9107, 43.8250,
32.7418

36.3258, 41.7572,
15.8186

41.5316, 44.6868,
40.6197

35.5193, 41.2253,
12.2164

43.3823, 45.6414,
49.7042

34.8852, 40.7634,
9.5197

45.4718, 46.6927,
60.0432

34.4083, 40.3654,
7.6470

47.8087, 47.8439,
71.6821

■ 34.0702, 40.0240,
6.5020

■ 50.4013, 49.0984,
84.6639

■ 33.8327, 39.7239,
5.8843

■ 53.2573, 50.4594,
99.0298

■ 33.8327, 39.7238,
5.8843

■ 53.8735, 50.9254,
101.5979

■ 54.0114, 51.2012,
101.6438

Harmonies

Analogous

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



43.2047, 43.0504, 25.9083



38.5087, 43.0504, 26.0186



34.7534, 43.0504, 30.9452

Triad

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



38.5087, 43.0504, 26.0186



34.8934, 43.0504, 68.0748



50.3704, 43.0504, 53.6033

Complementary

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



38.5087, 43.0504, 26.0186



24.5616, 23.1688, 46.3577

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.



47.7719, 43.0504, 67.5035



38.5087, 43.0504, 26.0186



38.7137, 43.0504, 76.8857

Square

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



38.5087, 43.0504, 26.0186



32.7783, 43.0504, 54.2734



43.4260, 43.0504, 76.6586



50.3048, 43.0504, 40.1807

Rectangle

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



38.5087, 43.0504, 26.0186



33.1824, 43.0504, 36.9581



43.4260, 43.0504, 76.6586



49.7713, 43.0504, 58.4229

Sweetspot

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



38.5098, 43.0523, 26.0195



75.5725, 81.1659, 74.9582



30.2262, 26.2026, 24.1296



16.2361, 17.4917, 15.7232



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.



38.5098, 43.0523, 26.0195



68.3556, 77.2208, 40.2174



33.7399, 41.1872, 25.9109



9.1696, 9.8517, 9.0708



23.6243, 27.7471, 4.1106



0.7516, 0.8896, 0.1321

Inverse Universe

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



24.5616, 23.1688, 46.3577



38.9766, 35.3423, 83.0621



28.3325, 24.7301, 46.4603



8.0663, 8.2788, 10.6792



5.8112, 2.4227, 30.2983



0.1911, 0.0928, 0.9561

Previews

White Background



This preview shows how the XYZ color 38.5087, 43.0504, 26.0186 looks on a white background.

Color Contrast Check

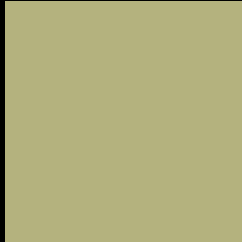
Large Text (above 18pt) WCAG AA × Fail

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 38.5087, 43.0504, 26.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

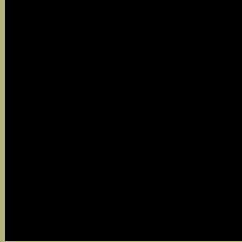
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5087, 43.0504, 26.0186

Background



This preview shows how black text looks on a background with the XYZ color 38.5087, 43.0504, 26.0186.



This preview shows how white text looks on a background with the XYZ color 38.5087, 43.0504,

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

38.5087, 43.0504, 26.0186

Protanopia

40.0179, 42.9594, 25.5849

Deuteranopia

43.6310, 42.8292, 26.3893



Tritanopia

43.7082, 43.1513, 51.3728

Trichromacy



Original Color

38.5087, 43.0504, 26.0186

Protanomaly

39.4767, 42.9704, 25.6155

Deuteranomaly

41.6092, 42.9077, 26.1676

Tritanomaly

41.5141, 43.1068, 40.7827

Monochromacy



Original Color

38.5087, 43.0504, 26.0186

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.2352, 42.2904, 37.5474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5087, 43.0504, 26.0186 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(180, 178, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 178, 126)  
}
```

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(180, 178, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 178, 126) }
```

Border

The CSS property to change the border of an element to XYZ 38.5087, 43.0504, 26.0186 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(180, 178, 126) }
```


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

```
.border{ border-color:rgb(180, 178, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 178, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 178, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 178, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 178,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5087, 43.0504, 26.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 178, 126) }
```

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

```
.background{ background-color: rgb(180,  
178, 126) }
```

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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