

Converting Colors

XYZ(38.3200, 43.2131, 26.4325)

Have a look what the booklet for
XYZ(38.3200, 43.2131, 26.4325)
contains.

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Color

**XYZ(38.3110, 43.2375,
26.4051)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B37F
RGB	178, 179, 127
RGB Percent	70%, 70%, 50%
CMY	0.3020, 0.2980, 0.5020
CMYK	0.01, 0.00, 0.29, 0.30
HSL	61°, 25%, 60%
HSV	61°, 29%, 70%
XYZ	38.3110, 43.2375, 26.4051
YIQ	172.7730, 16.0960, -16.3840

Conversions

Conversions Part 2

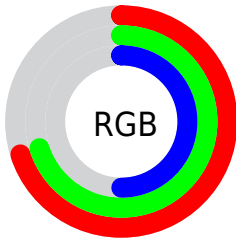
Format	Color
RYB	127, 179, 128
Decimal	11711359
CIELab	71.72, -8.74, 26.51
CIELCh	72, 27.917, 108.247
Yxy	43.2375, 0.3549, 0.4005
Android (android.graphics.Color)	4289901439 (0xFFB2B37F)
YUV	172.7730, -22.5661, 4.5841
Hunter-Lab	65.7552, -11.0721, 22.2198

Details

The XYZ color **38.3110, 43.2375, 26.4051** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.6297, 23.0237, 45.7962**, and the grayscale version is **39.7113, 41.7794, 45.4978**.

A 20% lighter version of the original color is **71.8782, 80.2044, 54.8726**, and **17.2579, 19.8175, 9.9368** is the 20% darker color. If you saturate the color by 10%, you get **37.1678, 42.7726, 20.7935**, and if you desaturate by 10%, it is **39.6639, 43.7894, 33.1102**.

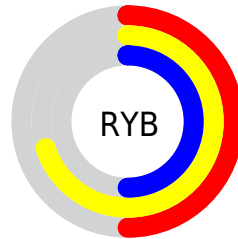
Distribution



Red (70%)

Green (70%)

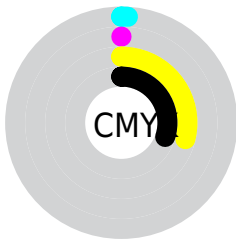
Blue (50%)



Red (50%)

Yellow (70%)

Blue (50%)

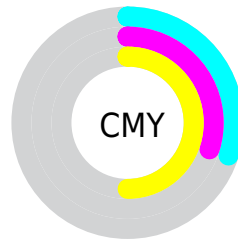


Cyan (1%)

Magenta (0%)

Yellow (29%)

Black (30%)



Cyan (30%)


Magenta (30%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3110, 43.2375, 26.4051 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 38.3110, 43.2375, 26.4051 by changing the saturation by 10% instead.


 38.3110, 43.2375,
26.4051


 38.3110, 43.2375,
26.4051


330.2100,
359.5876, 298.4336

 26.4025, 30.0715,
16.8985


 71.8854, 80.0691,
54.9198

 17.2592, 19.8929,
10.0009


 94.2820, 104.5036,
74.7650

 10.5159, 12.3172,
5.2940


 120.9053,
133.4629, 98.8935

 5.8072, 6.9601,
2.3590

152.1206,
167.3316, 127.7237

 2.7678, 3.4371,
0.7640

188.2935,
206.4940, 161.6743

 1.0322, 1.3640,
0.0000

229.7890,

 0.0000, 0.1900,

251.3346, 201.1638

0.0000

276.9728,
302.2376, 246.6107

■ 0.0000, 0.0000,
0.0000

■ 38.3110, 43.2375,
26.4051

■ 38.3110, 43.2375,
26.4051

■ 37.1678, 42.7726,
20.7935

■ 39.6639, 43.7894,
33.1102

■ 36.2200, 42.3843,
16.2150

■ 41.2335, 44.4264,
40.9596

■ 35.4567, 42.0699,
12.6072

■ 43.0301, 45.1542,
50.0042

■ 34.8647, 41.8240,
9.9002

■ 45.0629, 45.9766,
60.2911

■ 34.4289, 41.6406,
8.0145

■ 47.3403, 46.8968,
71.8648

■ 34.1316, 41.5127,
6.8571

■ 49.8702, 47.9181,
84.7675

■ 33.9402, 41.4271,
6.2562

■ 52.6604, 49.0435,
99.0398

■ 33.9235, 41.4196,
6.2068

■ 53.1722, 49.2575,
101.3129

■ 53.2532, 49.2993,
101.3167

Harmonies

Analogous

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



42.9783, 43.2375, 25.8887



38.3110, 43.2375, 26.4051



34.6719, 43.2375, 31.7635

Triad

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



38.3110, 43.2375, 26.4051



35.3270, 43.2375, 69.3293



50.6682, 43.2375, 52.5912

Complementary

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



38.3110, 43.2375, 26.4051



24.6297, 23.0237, 45.7962

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.



48.2682, 43.2375, 66.6614



38.3110, 43.2375, 26.4051



39.2694, 43.2375, 77.4938

Square

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



38.3110, 43.2375, 26.4051



33.0425, 43.2375, 55.7223



44.0127, 43.2375, 76.4331



50.3620, 43.2375, 39.3779

Rectangle

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



38.3110, 43.2375, 26.4051



33.2075, 43.2375, 38.0619



44.0127, 43.2375, 76.4331



50.1441, 43.2375, 57.4167

Sweetspot

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



38.3121, 43.2394, 26.4060



73.8135, 79.5496, 73.2011



30.1244, 26.5206, 23.6105



16.2582, 17.5856, 15.7401



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.



38.3121, 43.2394, 26.4060



67.2309, 76.8731, 40.5014



32.9263, 40.4630, 26.1540



9.1805, 9.8981, 9.0792



23.9773, 29.2708, 4.3861



0.7595, 0.9236, 0.1382

Inverse Universe

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



24.6297, 23.0237, 45.7962



38.6363, 34.6225, 81.0276



29.0284, 25.2913, 46.0020



8.0566, 8.2377, 10.6717



5.7868, 2.3190, 30.2796



0.1871, 0.0755, 0.9530

Previews

White Background



This preview shows how the XYZ color 38.3110, 43.2375, 26.4051 looks on a white background.

Color Contrast Check

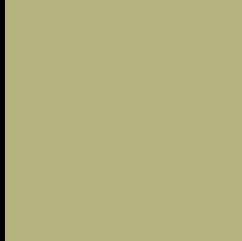
Large Text (above 18pt) WCAG AA × Fail

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 38.3110, 43.2375, 26.4051 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 38.3110, 43.2375, 26.4051

Background



This preview shows how black text looks on a background with the XYZ color 38.3110, 43.2375, 26.4051.



This preview shows how white text looks on a background with the XYZ color 38.3110, 43.2375,

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

38.3110, 43.2375, 26.4051

Protanopia

40.0179, 42.9594, 25.5849

Deuteranopia

43.9775, 43.0001, 26.7509



Tritanopia

43.5171, 43.3221, 51.9673

Trichromacy



Original Color

38.3110, 43.2375, 26.4051

Protanomaly

39.2988, 42.8713, 25.9424

Deuteranomaly

41.6748, 42.9339, 26.5126

Tritanomaly

41.3222, 43.2854, 41.2990

Monochromacy



Original Color

38.3110, 43.2375, 26.4051

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.0099, 42.1742, 37.5369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3110, 43.2375, 26.4051 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(178, 179, 127)` looks like.

```
.text, #text, p{  
    color:rgb(178, 179, 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(178, 179, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 179, 127) }
```

Border

The CSS property to change the border of an element to XYZ 38.3110, 43.2375, 26.4051 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(178, 179, 127) }
```


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

```
.border{ border-color:rgb(178, 179, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 179, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 179, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 179, 127);  
box-shadow:4px 4px 4px 4px rgb(178, 179,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3110, 43.2375, 26.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 179, 127) }
```

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

```
.background{ background-color: rgb(178,  
179, 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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