

Converting Colors

XYZ(38.1633, 42.7188, 26.4844)

Have a look what the booklet for
XYZ(38.1633, 42.7188, 26.4844)
contains.

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Color

**XYZ(38.4071, 42.9830,
26.6944)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B280
RGB	179, 178, 128
RGB Percent	70%, 70%, 50%
CMY	0.2980, 0.3019, 0.4980
CMYK	0.00, 0.01, 0.28, 0.30
HSL	59°, 25%, 60%
HSV	59°, 28%, 70%
XYZ	38.4071, 42.9830, 26.6944
YIQ	172.5990, 16.6460, -15.3380

Conversions

Conversions Part 2

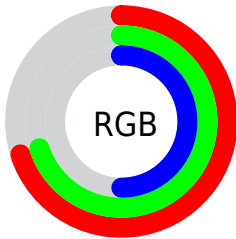
Format	Color
RYB	129, 179, 128
Decimal	11776640
CIELab	71.54, -7.69, 25.76
CIELCh	72, 26.885, 106.619
Yxy	42.9830, 0.3553, 0.3977
Android (android.graphics.Color)	4289966720 (0xFFB3B280)
YUV	172.5990, -21.9873, 5.6137
Hunter-Lab	65.5614, -10.1639, 21.7521

Details

The XYZ color **38.4071, 42.9830, 26.6944** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.8890, 23.5439, 45.8806**, and the grayscale version is **39.6196, 41.6830, 45.3927**.

A 20% lighter version of the original color is **72.0243, 79.8440, 55.3314**, and **17.3129, 19.6529, 10.0886** is the 20% darker color. If you saturate the color by 10%, you get **37.2624, 42.4155, 21.0040**, and if you desaturate by 10%, it is **39.7621, 43.6379, 33.4814**.

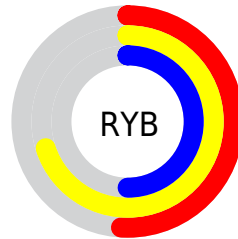
Distribution



Red (70%)

Green (70%)

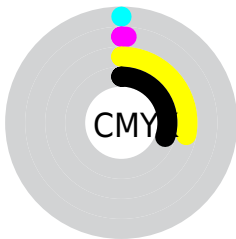
Blue (50%)



Red (51%)

Yellow (70%)

Blue (50%)

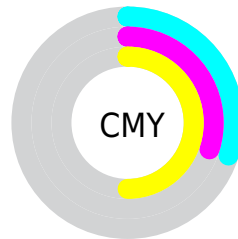


Cyan (0%)

Magenta (1%)

Yellow (28%)

Black (30%)



Cyan (30%)


Magenta (30%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4071, 42.9830, 26.6944 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 38.4071, 42.9830, 26.6944 by changing the saturation by 10% instead.


 38.4071, 42.9830,
26.6944


 38.4071, 42.9830,
26.6944


330.6138,
358.5419, 299.8876


 26.4774, 29.8718,
17.1134


 72.0316, 79.6852,
55.3909

 17.3157, 19.7413,
10.1526

 94.4571, 104.0450,
75.3434

 10.5565, 12.2071,
5.3933


 121.1120,
132.9231, 99.5903

 5.8346, 6.8849,
2.4171

152.3615,
166.7038, 128.5499

 2.7845, 3.3902,
0.7957

188.5712,
205.7717, 162.6410

 1.0408, 1.3387,
0.0000

230.1062,

 0.0000, 0.1709,

250.5111, 202.2819

0.0000

277.3320,
301.3063, 247.8913

■ 0.0000, 0.0000,
0.0000

■ 38.4071, 42.9830,
26.6944

■ 38.4071, 42.9830,
26.6944

■ 37.2624, 42.4155,
21.0040

■ 39.7621, 43.6379,
33.4814

■ 36.3137, 41.9252,
16.3500

■ 41.3342, 44.3784,
41.4156

■ 35.5502, 41.5092,
12.6704

■ 43.1339, 45.2103,
50.5477

■ 34.9587, 41.1623,
9.8957

■ 45.1702, 46.1371,
60.9246

■ 34.5243, 40.8786,
7.9472

■ 47.4515, 47.1621,
72.5907

■ 34.2294, 40.6509,
6.7326

■ 49.9858, 48.2887,
85.5883

■ 34.0441, 40.4674,
6.0942

■ 52.7807, 49.5198,
99.9574

■ 34.0190, 40.4408,
6.0129

■ 53.1238, 49.7704,
101.4145

■ 53.1949, 49.9125,
101.4381

Harmonies

Analogous

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



42.9085, 42.9830, 26.4437



38.4071, 42.9830, 26.6944



34.8303, 42.9830, 31.6396

Triad

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



38.4071, 42.9830, 26.6944



35.1449, 42.9830, 67.4324



49.9519, 42.9830, 52.8308

Complementary

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



38.4071, 42.9830, 26.6944



24.8890, 23.5439, 45.8806

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.



47.5351, 42.9830, 66.1658



38.4071, 42.9830, 26.6944



38.8663, 42.9830, 75.5908

Square

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



38.4071, 42.9830, 26.6944



33.0447, 42.9830, 54.3244



43.4028, 42.9830, 75.0885



49.8060, 42.9830, 40.0067

Rectangle

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



38.4071, 42.9830, 26.6944



33.3515, 42.9830, 37.5615



43.4028, 42.9830, 75.0885



49.4050, 42.9830, 57.4440

Sweetspot

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



38.4082, 42.9849, 26.6953



73.8296, 79.3876, 73.1690



30.3192, 26.6263, 24.5557



16.2623, 17.5441, 15.7319



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.



38.4082, 42.9849, 26.6953



67.4962, 76.3468, 41.3823



33.5728, 40.7874, 26.5260



9.1826, 9.8776, 9.0751



24.0453, 28.5891, 4.2509



0.7610, 0.9084, 0.1352

Inverse Universe

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



24.8890, 23.5439, 45.8806



39.4087, 35.9570, 81.2445



28.7678, 25.3497, 46.0247



8.0548, 8.2558, 10.6753



5.7822, 2.3648, 30.2887



0.1863, 0.0832, 0.9545

Previews

White Background



This preview shows how the XYZ color 38.4071, 42.9830, 26.6944 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 38.4071, 42.9830, 26.6944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

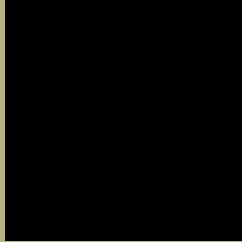
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4071, 42.9830, 26.6944

Background



This preview shows how black text looks on a background with the XYZ color 38.4071, 42.9830, 26.6944.



This preview shows how white text looks on a background with the XYZ color 38.4071, 42.9830,

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

38.4071, 42.9830, 26.6944

Protanopia

39.8998, 42.8836, 26.2531

Deuteranopia

43.7640, 42.8824, 27.0896



Tritanopia

43.4643, 43.0256, 51.3614

Trichromacy



Original Color

38.4071, 42.9830, 26.6944

Protanomaly

39.3637, 42.8973, 26.2840

Deuteranomaly

41.7409, 42.9603, 26.8611

Tritanomaly

41.3653, 43.0197, 41.2454

Monochromacy



Original Color

38.4071, 42.9830, 26.6944

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.0950, 42.2082, 37.9848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4071, 42.9830, 26.6944 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(179, 178, 128)` looks like.

```
.text, #text, p{  
    color:rgb(179, 178, 128)  
}
```

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(179, 178, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 178, 128) }
```

Border

The CSS property to change the border of an element to XYZ 38.4071, 42.9830, 26.6944 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(179, 178, 128) }
```


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

```
.border{ border-color:rgb(179, 178, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 178, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 178, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 178, 128);  
box-shadow:4px 4px 4px 4px rgb(179, 178,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4071, 42.9830, 26.6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 178, 128) }
```

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

```
.background{ background-color: rgb(179,  
178, 128) }
```

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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