

Converting Colors

XYZ(26.7287, 38.5228, 6.0269)

Have a look what the booklet for
XYZ(26.7287, 38.5228, 6.0269)
contains.

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Color

**XYZ(26.7196, 38.6068,
6.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	87B600
RGB	135, 182, 0
RGB Percent	53%, 71%, 0%
CMY	0.4706, 0.2863, 0.9999
CMYK	0.26, 0.00, 1.00, 0.29
HSL	75°, 100%, 36%
HSV	75°, 100%, 71%
XYZ	26.7196, 38.6068, 6.0436
YIQ	147.1990, 30.4100, -66.5660

Conversions

Conversions Part 2

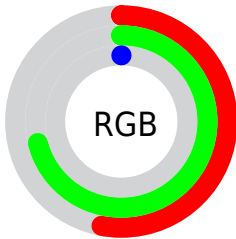
Format	Color
RYB	0, 182, 47
Decimal	8893952
CIELab	68.47, -36.53, 69.34
CIELCh	68, 78.374, 117.784
Yxy	38.6068, 0.3744, 0.5409
Android (android.graphics.Color)	4287084032 (0xFF87B600)
YUV	147.1990, -72.5691, -10.6985
Hunter-Lab	62.1344, -31.9749, 37.7271

Details

The XYZ color **26.7196, 38.6068, 6.0436** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **9.6175, 3.9829, 44.5202**, and the grayscale version is **28.0998, 29.5631, 32.1943**.

A 20% lighter version of the original color is **53.9420, 73.0366, 18.4622**, and **11.0747, 17.3628, 2.7677** is the 20% darker color. If you saturate the color by 10%, you get **26.7196, 38.6081, 6.0438**, and if you desaturate by 10%, it is **27.6046, 39.0515, 6.6645**.

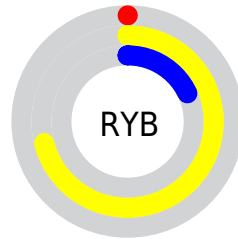
Distribution



Red (53%)

Green (71%)

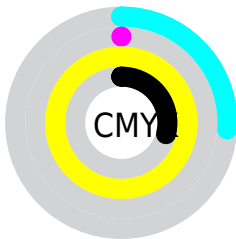
Blue (0%)



Red (0%)

Yellow (71%)

Blue (18%)

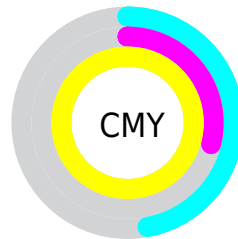


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (47%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7196, 38.6068, 6.0436 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 26.7196, 38.6068, 6.0436 by changing the saturation by 10% instead.


 26.7196, 38.6068,
6.0436


 26.7196, 38.6068,
6.0436


278.4893,
340.2159, 168.7792


 17.4982, 26.4540,
2.8024


 53.8567, 73.0373,
18.5006


 10.6879, 17.1636,
0.9946


 72.5031, 96.0837,
28.5534

 5.9231, 10.3512,
0.0000


 95.0219, 123.5301,
41.7138

 2.8386, 5.6324,
0.0000

 121.7784,
155.7609, 58.4004

 1.0690, 2.6229,
0.0000

 153.1381,
193.1605, 79.0317

 0.0000, 0.9382,
0.0000

 189.4662,

 0.0000, 0.0000,

236.1132, 104.0263

0.0000

231.1282,
285.0036, 133.8026

■ 26.7196, 38.6068,
6.0436

■ 26.7196, 38.6068,
6.0436

■ 26.7196, 38.6081,
6.0438

■ 27.6046, 39.0515,
6.6645

■ 28.6255, 39.5531,
7.8287

■ 29.8224, 40.1290,
9.7408

■ 31.2145, 40.7870,
12.4997

■ 32.8180, 41.5337,
16.1894

■ 34.6474, 42.3748,
20.8837

■ 36.7157, 43.3155,
26.6488

■ 39.0346, 44.3608,
33.5456

■ 41.6154, 45.5149,
41.6301

Harmonies

Analogous

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



37.6186, 38.6068, 4.1514



26.7196, 38.6068, 6.0436



20.0752, 38.6068, 15.2426

Triad

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



26.7196, 38.6068, 6.0436



25.4554, 38.6068, 129.5681



65.8336, 38.6068, 44.7157

Complementary

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



26.7196, 38.6068, 6.0436



9.6175, 3.9829, 44.5202

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.



60.6171, 38.6068, 89.5916



26.7196, 38.6068, 6.0436



35.7858, 38.6068, 152.8620

Square

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



26.7196, 38.6068, 6.0436



19.4684, 38.6068, 82.2722



48.8865, 38.6068, 135.2064



61.9067, 38.6068, 17.6729

Rectangle

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



26.7196, 38.6068, 6.0436



18.0647, 38.6068, 29.2486



48.8865, 38.6068, 135.2064



65.0704, 38.6068, 58.0947

Sweetspot

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



26.7205, 38.6085, 6.0444



66.3565, 78.4337, 47.7206



20.2507, 11.8620, 1.2228



14.2981, 17.1611, 9.5253



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.



26.7205, 38.6085, 6.0444



48.2087, 69.8733, 10.9460



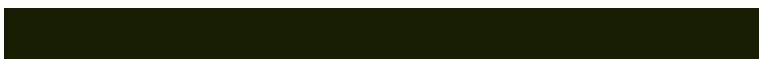
17.8339, 34.0273, 5.6285



9.5176, 10.3835, 9.6095



18.9325, 27.2964, 4.2709



0.7216, 0.9902, 0.1531

Inverse Universe

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



9.6175, 3.9829, 44.5202



17.2481, 7.1234, 80.7016



18.6802, 8.6549, 44.9443



8.7328, 8.8286, 11.3233



6.8447, 2.8398, 31.4404



0.3009, 0.1308, 1.1111

Previews

White Background



This preview shows how the XYZ color 26.7196, 38.6068, 6.0436 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 26.7196, 38.6068, 6.0436 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 26.7196, 38.6068, 6.0436

Background



This preview shows how black text looks on a background with the XYZ color 26.7196, 38.6068, 6.0436.



This preview shows how white text looks on a background with the XYZ color 26.7196, 38.6068,

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

26.7196, 38.6068, 6.0436

Protanopia

34.5578, 38.3288, 5.5768

Deuteranopia

39.0939, 38.2709, 6.8399



Tritanopia

35.6841, 38.4702, 50.3445

Trichromacy



Original Color

26.7196, 38.6068, 6.0436

Protanomaly

31.1147, 37.9401, 5.6832

Deuteranomaly

33.4920, 37.7626, 6.2828

Tritanomaly

30.1425, 37.6441, 22.2003

Monochromacy



Original Color

26.7196, 38.6068, 6.0436

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

25.9189, 31.7894, 15.3596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7196, 38.6068, 6.0436 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(135, 182, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 182, 0)  
}
```

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(135, 182, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 182, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.7196, 38.6068, 6.0436 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(135, 182, 0) }
```


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

```
.border{ border-color:rgb(135, 182, 0) }
```

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

Here you see how a box with a 4 pixel rgb(135, 182, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 182, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 182, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 182,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7196, 38.6068, 6.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 182, 0) }
```

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

```
.background{ background-color: rgb(135,  
182, 0) }
```

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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