

Converting Colors

YUV(72.0060, 27.6050,
-34.2083)

Have a look what the booklet for
YUV(72.0060, 27.6050, -34.2083)
contains.

YUV(72.0060, 27.6050, -34.2083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(72.0060, 27.6050,
-34.2083)**

Conversions

Conversions Part 1

Format	Color
Hex	215180
RGB	33, 81, 128
RGB Percent	13%, 32%, 50%
CMY	0.8706, 0.6824, 0.4980
CMYK	0.74, 0.37, 0.00, 0.50
HSL	210°, 59%, 32%
HSV	210°, 74%, 50%
XYZ	7.4659, 7.7667, 21.5277
YIQ	72.0060, -43.6950, 4.4410

Conversions

Conversions Part 2

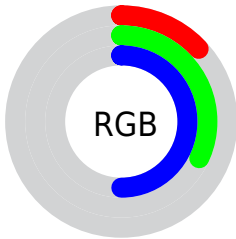
Format	Color
R_{YB}	33, 65, 128
Decimal	2183552
CIE _{Lab}	33.49, 0.81, -31.18
CIE _{LCh}	33, 31.192, 271.479
Yxy	7.7667, 0.2031, 0.2113
Android (android.graphics.Color)	4280373632 (0xFF215180)
YUV	72.0060, 27.6050, -34.2083
Hunter-Lab	27.8688, -0.9512, -26.2913

Details

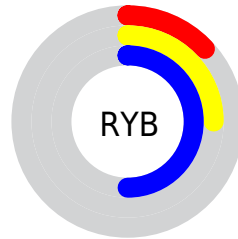
The YUV color **72.0060, 27.6050, -34.2083** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **88.9940, -27.6050, 34.2083**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.1530, 28.0256, -29.0752**, and **30.6110, 23.3628, -26.8458** is the 20% darker color. If you saturate the color by 10%, you get **64.5970, 31.2577, -39.1116**, and if you desaturate by 10%, it is **79.4150, 23.9524, -29.3050**.

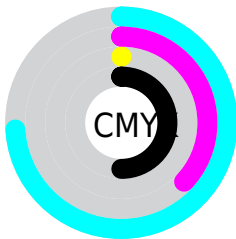
Distribution



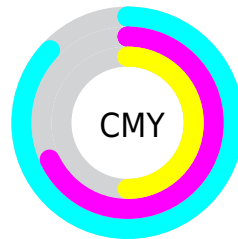
- Red (13%)
- Green (32%)
- Blue (50%)



- Red (13%)
- Yellow (25%)
- Blue (50%)



- Cyan (74%)
- Magenta (37%)
- Yellow (0%)
- Black (50%)



- Cyan (87%)
- Magenta (68%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0060, 27.6050, -34.2083 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 YUV color 72.0060, 27.6050, -34.2083 by changing the saturation by 10% instead.

■ 72.0060, 27.6050,
-34.2083

■ 72.0060, 27.6050,
-34.2083

■ 255.0000, 0.0000,
0.0000

■ 45.7880, 28.2055,
-40.1561

■ 124.1530, 28.0256,
-29.0752

■ 30.6110, 23.3628,
-26.8458

■ 150.6800, 28.7518,
-28.6604

■ 15.6620, 19.3936,
-13.7356

■ 177.7940, 29.1886,
-28.7603

■ 4.9360, 13.8356,
-4.3289

■ 204.0670, 25.1100,
-27.2458

■ 0.7980, 3.0576,
-0.6998

■ 229.7610, 12.4428,
-24.3464

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,

-14.7546

■ 72.0060, 27.6050,
-34.2083

■ 72.0060, 27.6050,
-34.2083

■ 64.5970, 31.2577,
-39.1116

■ 79.4150, 23.9524,
-29.3050

■ 56.6010, 35.1997,
-43.5001

■ 87.4110, 20.0104,
-24.9164

■ 52.7470, 37.0997,
-46.2591

■ 94.5210, 16.5051,
-20.6279

■ 101.9300, 12.8525,
-15.7246

■ 109.9260, 8.9105,
-11.3361

■ 117.3350, 5.2578,
-6.4328

■ 124.7440, 1.6052,
-1.5295

■ 132.4410, -2.1894,
2.2442

■ 139.8500, -5.8420,
7.1476

Harmonies

Analogous

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



64.9770, 28.1123, -56.9848



72.0060, 27.6050, -34.2083



80.5760, 19.9290, 1.2488

Triad

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



72.0060, 27.6050, -34.2083



78.1530, -11.9074, 39.3308



68.2660, -7.0331, -30.9283

Complementary

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



72.0060, 27.6050, -34.2083



88.9940, -27.6050, 34.2083

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.



73.9180, -19.1866, -6.0671



72.0060, 27.6050, -34.2083



77.6820, -21.0422, 29.2199

Square

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



72.0060, 27.6050, -34.2083



79.5410, -0.2667, 38.9905



76.3720, -24.3404, 13.7058



62.4230, 8.1725, -54.7450

Rectangle

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



72.0060, 27.6050, -34.2083



81.1930, 14.2019, 18.2477



76.3720, -24.3404, 13.7058



70.7680, -11.7176, -21.7215

Sweetspot

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



72.0060, 27.6050, -34.2083



144.3710, 10.6631, -13.4804



94.0090, -7.3994, -53.5049



70.9650, 6.4263, -7.8623



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



72.0060, 27.6050, -34.2083



78.8970, 42.9418, -53.4067



45.0040, 40.9170, -10.5275



60.1460, 1.9000, -2.7590



52.1600, 37.3891, -45.7443



0.0000, 0.0000, 0.0000

Inverse Universe

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



66.8770, 6.9626, 53.6049



70.8020, 10.9436, 83.4886



115.9960, -40.9170, 10.5275



59.5490, 0.7153, 3.9035



45.5680, 9.0870, 72.2929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 72.0060, 27.6050, -34.2083 looks on a white 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

Black Background



This preview shows how the YUV color 72.0060, 27.6050, -34.2083 looks on a black 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

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

YUV 72.0060, 27.6050, -34.2083

Background



This preview shows how black text looks on a background with the YUV color 72.0060, 27.6050, -34.2083.



This preview shows how white text looks on a background with the YUV color 72.0060, 27.6050,

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

72.0060, 27.6050, -34.2083

Protanopia

77.5740, 22.8880, -14.5354

Deuteranopia

75.1320, 26.5569, -24.6718



Tritanopia

61.7850, 15.8820, -54.1854

Trichromacy



Original Color

72.0060, 27.6050, -34.2083

Protanomaly

75.2850, 24.5095, -21.2979

Deuteranomaly

74.2240, 27.0046, -28.2604

Tritanomaly

65.5670, 19.9335, -46.9783

Monochromacy



Original Color

72.0060, 27.6050, -34.2083

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8550, 9.9315, -12.1508

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0060, 27.6050, -34.2083 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(33, 81, 128)` looks like.

```
.text, #text, p{  
    color:rgb(33, 81, 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(33, 81, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 81, 128) }
```

Border

The CSS property to change the border of an element to YUV 72.0060, 27.6050, -34.2083 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(33, 81, 128) }
```


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

```
.border{ border-color:rgb(33, 81, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 81, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 81, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 81, 128);  
box-shadow:4px 4px 4px 4px rgb(33, 81,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 72.0060, 27.6050, -34.2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 81, 128) }
```

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

```
.background{ background-color: rgb(33, 81,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor