

Converting Colors

YUV(50.8790, 3.5107, -6.0329)

Have a look what the booklet for
YUV(50.8790, 3.5107, -6.0329)
contains.

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Color

**YUV(50.8790, 3.5107,
-6.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	2C353A
RGB	44, 53, 58
RGB Percent	17%, 21%, 23%
CMY	0.8275, 0.7922, 0.7725
CMYK	0.24, 0.09, 0.00, 0.77
HSL	201°, 14%, 20%
HSV	201°, 24%, 23%
XYZ	3.0755, 3.3872, 4.4947
YIQ	50.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

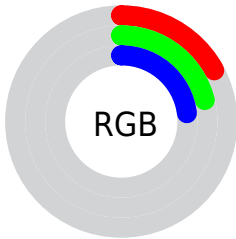
Format	Color
R_{YB}	44, 49, 58
Decimal	2897210
CIE _{Lab}	21.53, -2.45, -4.41
CIE _{LCh}	22, 5.044, 240.980
Yxy	3.3872, 0.2807, 0.3091
Android (android.graphics.Color)	4281087290 (0xFF2C353A)
YUV	50.8790, 3.5107, -6.0329
Hunter-Lab	18.4043, -2.3784, -1.5968

Details

The YUV color **50.8790, 3.5107, -6.0329** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.1210, -3.5107, 6.0329**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.9930, 3.9475, -6.1329**, and **6.4060, 4.2368, -5.6181** is the 20% darker color. If you saturate the color by 10%, you get **47.9110, 4.9739, -8.6919**, and if you desaturate by 10%, it is **53.8470, 2.0474, -3.3738**.

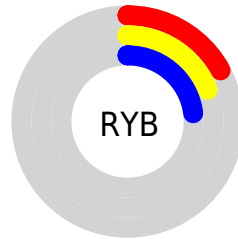
Distribution



Red (17%)

Green (21%)

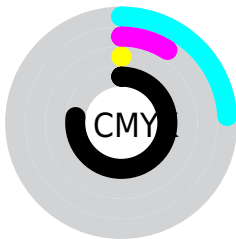
Blue (23%)



Red (17%)

Yellow (19%)

Blue (23%)

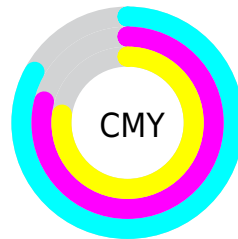


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (77%)



Cyan (83%)

Magenta (79%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.8790, 3.5107, -6.0329 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 50.8790, 3.5107, -6.0329 by changing the saturation by 10% instead.

■ 50.8790, 3.5107,
-6.0329

■ 50.8790, 3.5107,
-6.0329

■ 255.0000, 0.0000,
0.0000

■ 29.7650, 3.0739,
-5.9329

■ 96.9930, 3.9475,
-6.1329

■ 6.4060, 4.2368,
-5.6181

■ 121.6940, 4.0949,
-6.7476

■ 0.0000, 0.0000,
0.0000

■ 147.6940, 4.0949,
-6.7476

■ 174.3950, 4.2423,
-7.3624

■ 201.8080, 4.5317,
-6.8476

■ 229.5090, 4.6791,

-7.4624

253.5050, 0.7370,
-3.0739

■ 50.8790, 3.5107,
-6.0329

■ 50.8790, 3.5107,
-6.0329

■ 47.9110, 4.9739,
-8.6919

■ 53.8470, 2.0474,
-3.3738

■ 44.9430, 6.4371,
-11.3510

■ 56.8150, 0.5842,
-0.7148

■ 42.2740, 7.7529,
-13.3953

■ 59.4840, -0.7316,
1.3295

■ 39.3060, 9.2161,
-16.0544

■ 62.4520, -2.1948,
3.9886

■ 36.3380, 10.6794,
-18.7134

■ 65.4200, -3.6581,
6.6477

■ 33.3700, 12.1426,
-21.3725

■ 68.3880, -5.1213,
9.3067

■ 30.4020, 13.6058,
-24.0316

■ 71.9430, -6.8739,
11.4510

■ 28.3310, 14.6268,
-24.8463

■ 74.6120, -8.1897,
13.4953

■ 77.5800, -9.6529,
16.1543

Harmonies

Analogous

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



50.5260, 2.2057, -7.4773



50.8790, 3.5107, -6.0329



51.6020, 3.6472, -3.1590

Triad

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



50.8790, 3.5107, -6.0329



52.3320, -0.1637, 5.8478



51.1910, -3.0522, -1.0445

Complementary

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



50.8790, 3.5107, -6.0329



51.1210, -3.5107, 6.0329

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.



51.3980, -3.6472, 3.1590



50.8790, 3.5107, -6.0329



52.1750, -2.0583, 6.8625

Square

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



50.8790, 3.5107, -6.0329



52.6630, 1.1521, 3.8035



51.8220, -3.3632, 5.4181



50.3370, -1.1521, -3.8035

Rectangle

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



50.8790, 3.5107, -6.0329



51.9120, 3.4944, -0.7998



51.8220, -3.3632, 5.4181



51.2020, -3.0576, 0.6998

Sweetspot

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



50.8790, 3.5107, -6.0329



74.0320, 1.4632, -2.6591



52.7880, -1.8675, -7.7071



36.5160, 0.7316, -1.3295



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



50.8790, 3.5107, -6.0329



65.4270, 5.7055, -10.0215



46.7700, 5.5364, -2.4293



26.5160, 0.7316, -1.3295



45.1210, 23.1113, -39.5711



107.7330, 54.8546, -94.4818

Inverse Universe

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



49.2120, 1.8675, 7.7071



62.5870, 3.1616, 12.6402



55.2300, -5.5364, 2.4293



26.1250, 0.4314, 1.6444



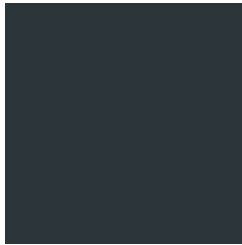
34.2340, 12.2096, 50.6608



81.5550, 29.3064, 120.5393

Previews

White Background



This preview shows how the YUV color 50.8790, 3.5107, -6.0329 looks on a white background.

Color Contrast Check

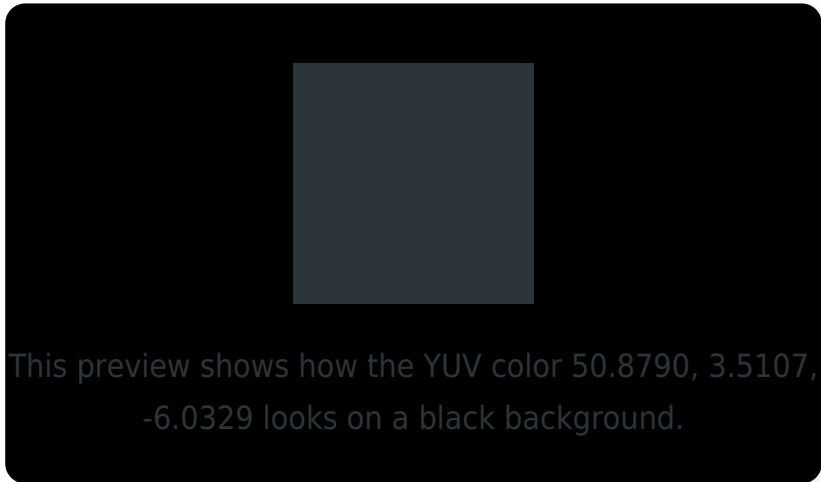
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

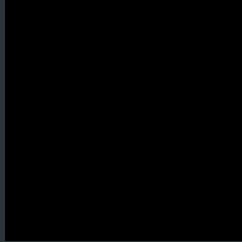
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

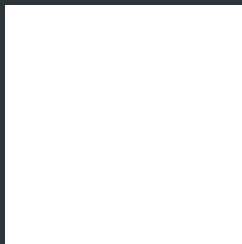
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 50.8790, 3.5107, -6.0329

Background



This preview shows how black text looks on a background with the YUV color 50.8790, 3.5107, -6.0329.



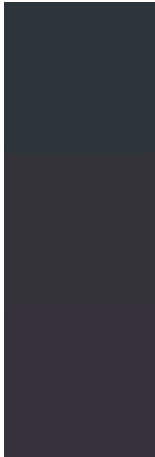
This preview shows how white text looks on a background with the YUV color 50.8790, 3.5107, -6.0329.

-6.0329.

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

50.8790, 3.5107, -6.0329

Protanopia

51.6840, 2.6208, -0.5999

Deuteranopia

51.9230, 3.4890, 0.9445



Tritanopia

50.7650, 3.0739, -5.9329

Trichromacy



Original Color

50.8790, 3.5107, -6.0329

Protanomaly

51.3740, 2.7736, -2.9590

Deuteranomaly

51.6130, 3.6418, -1.4146

Tritanomaly

50.7650, 3.0739, -5.9329

Monochromacy



Original Color

50.8790, 3.5107, -6.0329

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.8790, 3.5107, -6.0329 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(44, 53, 58)` looks like.

```
.text, #text, p{  
    color:rgb(44, 53, 58)  
}
```

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(44, 53, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 53, 58) }
```

Border

The CSS property to change the border of an element to YUV 50.8790, 3.5107, -6.0329 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(44, 53, 58) }
```


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

```
.border{ border-color:rgb(44, 53, 58) }
```

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

Here you see how a box with a 4 pixel rgb(44, 53, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 53, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 53, 58);  
box-shadow:4px 4px 4px 4px rgb(44, 53, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.8790, 3.5107, -6.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 53, 58) }
```

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

```
.background{ background-color: rgb(44, 53,  
58) }
```

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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