

Converting Colors

YUV(65.9090, 11.3839,
-11.3212)

Have a look what the booklet for
YUV(65.9090, 11.3839, -11.3212)
contains.

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Color

**YUV(65.9090, 11.3839,
-11.3212)**

Conversions

Conversions Part 1

Format	Color
Hex	354459
RGB	53, 68, 89
RGB Percent	21%, 27%, 35%
CMY	0.7922, 0.7333, 0.6510
CMYK	0.40, 0.24, 0.00, 0.65
HSL	215°, 25%, 28%
HSV	215°, 40%, 35%
XYZ	5.3385, 5.6124, 10.2531
YIQ	65.9090, -15.6810, 3.3510

Conversions

Conversions Part 2

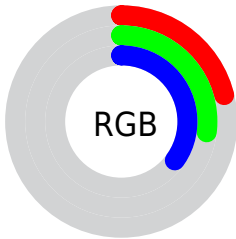
Format	Color
R_{YB}	53, 64, 89
Decimal	3490905
CIE Lab	28.41, 0.05, -14.42
CIE LCh	28, 14.417, 270.194
Yxy	5.6124, 0.2518, 0.2647
Android (android.graphics.Color)	4281680985 (0xFF354459)
YUV	65.9090, 11.3839, -11.3212
Hunter-Lab	23.6905, -1.2346, -9.0771

Details

The YUV color **65.9090, 11.3839, -11.3212** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **76.0910, -11.3839, 11.3212**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.1370, 12.2575, -11.5211**, and **21.6700, 10.5157, -12.8656** is the 20% darker color. If you saturate the color by 10%, you get **60.2830, 14.1575, -14.2802**, and if you desaturate by 10%, it is **71.5350, 8.6102, -8.3622**.

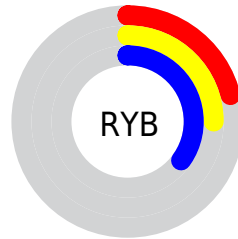
Distribution



Red (21%)

Green (27%)

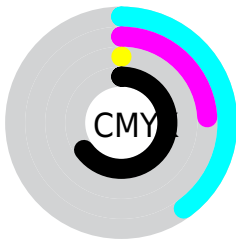
Blue (35%)



Red (21%)

Yellow (25%)

Blue (35%)

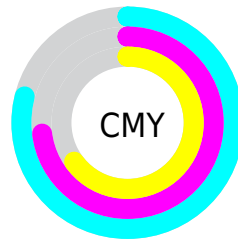


Cyan (40%)

Magenta (24%)

Yellow (0%)

Black (65%)



Cyan (79%)

Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9090, 11.3839, -11.3212 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 65.9090, 11.3839, -11.3212 by changing the saturation by 10% instead.

■ 65.9090, 11.3839,
-11.3212

■ 65.9090, 11.3839,
-11.3212

■ 255.0000, 0.0000,
0.0000

■ 43.4960, 11.0945,
-11.8360

■ 114.1370, 12.2575,
-11.5211

■ 21.6700, 10.5157,
-12.8656

■ 139.2510, 12.6943,
-11.6211

■ 3.2090, 9.7570,
-2.8143

■ 166.3650, 13.1311,
-11.7211

■ 0.0000, 0.0000,
0.0000

■ 193.3650, 13.1311,
-11.7211

■ 221.1800, 13.7153,
-12.4359

■ 247.5580, 3.6689,

-10.1364

■ 65.9090, 11.3839,
-11.3212

■ 65.9090, 11.3839,
-11.3212

■ 60.2830, 14.1575,
-14.2802

■ 71.5350, 8.6102,
-8.3622

■ 54.6570, 16.9311,
-17.2392

■ 77.1610, 5.8366,
-5.4032

■ 48.4440, 19.9941,
-19.6834

■ 83.3740, 2.7736,
-2.9590

■ 42.8180, 22.7677,
-22.6424

■ 89.0000, 0.0000,
0.0000

■ 37.4910, 25.3939,
-24.9866

■ 94.6260, -2.7736,
2.9590

■ 31.8650, 28.1676,
-27.9456

■ 99.9530, -5.3998,
5.3032

■ 105.5790, -8.1734,
8.2622

■ 111.7920,
-11.2365, 10.7064

■ 117.4180,
-14.0101, 13.6654

Harmonies

Analogous

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



63.1420, 11.2690, -21.1725



65.9090, 11.3839, -11.3212



68.0030, 8.8725, 0.8744

Triad

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



65.9090, 11.3839, -11.3212



68.2150, -6.0220, 18.2284



63.5980, -3.7458, -11.9254

Complementary

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



65.9090, 11.3839, -11.3212



76.0910, -11.3839, 11.3212

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.



65.3990, -8.5777, -2.1039



65.9090, 11.3839, -11.3212



67.5690, -9.6475, 14.4100

Square

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



65.9090, 11.3839, -11.3212



68.5830, -0.7804, 17.0287



66.2970, -10.4994, 7.6325



62.1500, 2.3911, -20.3026

Rectangle

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



65.9090, 11.3839, -11.3212



68.9500, 5.9407, 7.9369



66.2970, -10.4994, 7.6325



64.1640, -5.5039, -8.0368

Sweetspot

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



65.9090, 11.3839, -11.3212



106.1180, 4.3788, -4.4885



76.5260, -1.2453, -20.6323



53.3740, 2.7736, -2.9590



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



65.9090, 11.3839, -11.3212



78.8850, 17.8047, -17.4391



58.0010, 15.2825, -1.7549



40.6300, 1.1684, -1.4295



38.6130, 33.7148, -33.8636



84.3160, 74.2872, -73.9451

Inverse Universe

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



65.4740, 1.2453, 20.6323



78.3660, 1.7916, 32.1280



83.9990, -15.2825, 1.7549



40.4240, 0.2840, 2.2592



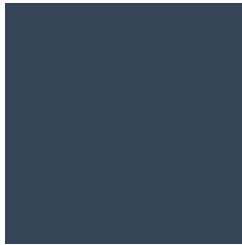
37.1230, 3.8834, 61.2821



81.4370, 8.1656, 134.6748

Previews

White Background



This preview shows how the YUV color 65.9090, 11.3839, -11.3212 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 65.9090, 11.3839, -11.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

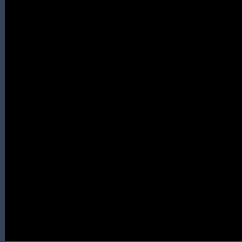
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

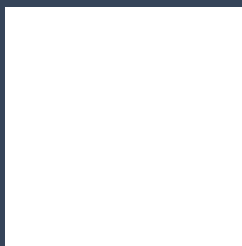
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 65.9090, 11.3839, -11.3212

Background



This preview shows how black text looks on a background with the YUV color 65.9090, 11.3839, -11.3212.



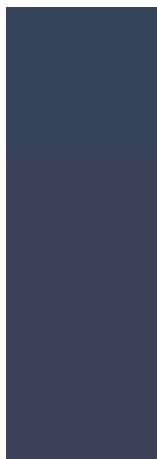
This preview shows how white text looks on a background with the YUV color 65.9090, 11.3839,

-11.3212.

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

65.9090, 11.3839, -11.3212

Protanopia

67.0130, 10.3466, -5.2734

Deuteranopia

67.1270, 10.7834, -5.3734



Tritanopia

64.7040, 5.5689, -12.8954

Trichromacy



Original Color

65.9090, 11.3839, -11.3212

Protanomaly

66.7030, 10.4994, -7.6325

Deuteranomaly

66.8170, 10.9362, -7.7325

Tritanomaly

64.9860, 7.8949, -12.2657

Monochromacy



Original Color

65.9090, 11.3839, -11.3212

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0040, 3.9420, -4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9090, 11.3839, -11.3212 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(53, 68, 89)` looks like.

```
.text, #text, p{  
    color:rgb(53, 68, 89)  
}
```

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(53, 68, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 68, 89) }
```

Border

The CSS property to change the border of an element to YUV 65.9090, 11.3839, -11.3212 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(53, 68, 89) }
```


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

```
.border{ border-color:rgb(53, 68, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 68, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 68, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 68, 89);  
box-shadow:4px 4px 4px 4px rgb(53, 68, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.9090, 11.3839, -11.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 68, 89) }
```

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

```
.background{ background-color: rgb(53, 68,  
89) }
```

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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