

Converting Colors

YUV(90.1280, 5.8529, -10.6363)

Have a look what the booklet for
YUV(90.1280, 5.8529, -10.6363)
contains.

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Color

**YUV(90.1280, 5.8529,
-10.6363)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5E66
RGB	78, 94, 102
RGB Percent	31%, 37%, 40%
CMY	0.6941, 0.6314, 0.6000
CMYK	0.24, 0.08, 0.00, 0.60
HSL	200°, 13%, 35%
HSV	200°, 24%, 40%
XYZ	9.5429, 10.5844, 14.1104
YIQ	90.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

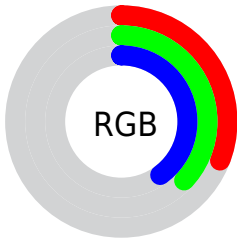
Format	Color
R_{YB}	78, 88, 102
Decimal	5135974
CIE Lab	38.87, -4.13, -6.60
CIE LCh	39, 7.787, 238.006
Yxy	10.5844, 0.2787, 0.3091
Android (android.graphics.Color)	4283326054 (0xFF4E5E66)
YUV	90.1280, 5.8529, -10.6363
Hunter-Lab	32.5337, -4.5759, -2.9415

Details

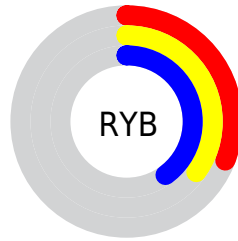
The YUV color **90.1280, 5.8529, -10.6363** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89.8720, -5.8529, 10.6363**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9430, 6.4371, -11.3510**, and **44.3130, 5.2687, -9.9215** is the 20% darker color. If you saturate the color by 10%, you get **85.3770, 8.1951, -15.2396**, and if you desaturate by 10%, it is **94.8790, 3.5107, -6.0329**.

Distribution



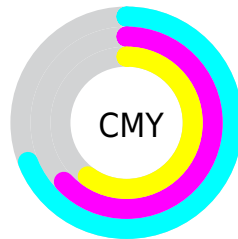
- Red (31%)
- Green (37%)
- Blue (40%)



- Red (31%)
- Yellow (35%)
- Blue (40%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1280, 5.8529, -10.6363 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 90.1280, 5.8529, -10.6363 by changing the saturation by 10% instead.

■ 90.1280, 5.8529,
-10.6363

■ 90.1280, 5.8529,
-10.6363

■ 255.0000, 0.0000,
0.0000

■ 66.4270, 5.7055,
-10.0215

■ 139.9430, 6.4371,
-11.3510

■ 44.3130, 5.2687,
-9.9215

■ 166.9430, 6.4371,
-11.3510

■ 23.3130, 5.2687,
-9.9215

■ 193.6440, 6.5845,
-11.9658

■ 1.2540, 4.8048,
-1.0998

■ 221.6440, 6.5845,
-11.9658

■ 0.0000, 0.0000,
0.0000

■ 249.3190, 2.8007,
-11.6808

■ 90.1280, 5.8529,
-10.6363

■ 90.1280, 5.8529,
-10.6363

■ 85.3770, 8.1951,
-15.2396

■ 94.8790, 3.5107,
-6.0329

■ 80.0390, 10.8268,
-19.3282

■ 100.2170, 0.8790,
-1.9443

■ 74.9890, 13.3164,
-24.5464

■ 105.2670, -1.6106,
3.2738

■ 69.6510, 15.9481,
-28.6349

■ 110.6050, -4.2423,
7.3624

■ 64.9000, 18.2903,
-33.2383

■ 115.3560, -6.5845,
11.9658

■ 60.1490, 20.6325,
-37.8417

■ 120.1070, -8.9268,
16.5692

■ 54.8110, 23.2642,
-41.9302


■ 125.4450,
-11.5584, 20.6577

■ 51.5440, 24.8748,

■ 130.4950,

-45.2041

-14.0480, 25.8759

 135.8330,
-16.6797, 29.9645

Harmonies

Analogous

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



89.2480, 3.8217, -12.4955



90.1280, 5.8529, -10.6363



90.9760, 6.4208, -6.1180

Triad

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



90.1280, 5.8529, -10.6363



92.6530, -0.3219, 9.9513



90.6210, -5.2362, -0.5446

Complementary

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



90.1280, 5.8529, -10.6363



89.8720, -5.8529, 10.6363

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.



91.4260, -6.1260, 4.8884



90.1280, 5.8529, -10.6363



92.8550, -3.3795, 10.6512

Square

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



90.1280, 5.8529, -10.6363



92.4290, 2.7465, 5.7628



92.2740, -5.5581, 9.4067



90.2720, -2.5991, -6.3775

Rectangle

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



90.1280, 5.8529, -10.6363



92.0690, 5.3890, -1.8145



92.2740, -5.5581, 9.4067



90.9310, -5.3890, 1.8145

Sweetspot

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



90.1280, 5.8529, -10.6363



128.2490, 2.3422, -4.6034



93.0000, -3.4510, -13.1550



63.9180, 1.0264, -2.5591



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



90.1280, 5.8529, -10.6363



114.0070, 9.3635, -16.6691



83.0840, 9.3256, -4.4587



48.3310, 1.3158, -2.0443



57.7220, 28.2381, -50.6222



122.0950, 59.1132, -107.0773

Inverse Universe

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



87.0000, 3.4510, 13.1550



109.2120, 5.3185, 20.8621



96.9160, -9.3256, 4.4587



47.8370, 0.5734, 2.7740



43.0490, 16.2448, 63.1010



90.7120, 34.6520, 132.6796

Previews

White Background



This preview shows how the YUV color 90.1280, 5.8529, -10.6363 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 × Fail

Black Background



This preview shows how the YUV color 90.1280, 5.8529, -10.6363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

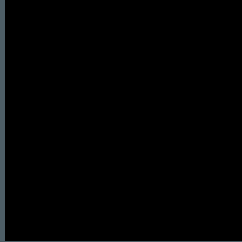
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

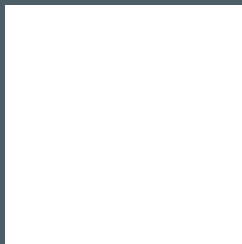
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 90.1280, 5.8529, -10.6363

Background



This preview shows how black text looks on a background with the YUV color 90.1280, 5.8529, -10.6363.



This preview shows how white text looks on a background with the YUV color 90.1280, 5.8529, -10.6363.

-10.6363.

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

90.1280, 5.8529, -10.6363

Protanopia

91.7270, 4.0786, -1.5146

Deuteranopia

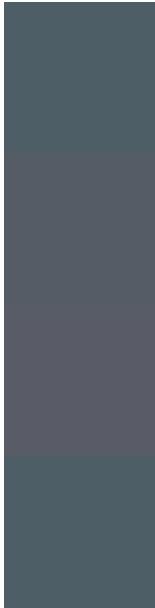
92.3900, 5.2307, 2.2890



Tritanopia

90.1280, 5.8529, -10.6363

Trichromacy



Original Color

90.1280, 5.8529, -10.6363

Protanomaly

91.2320, 4.8156, -4.5885

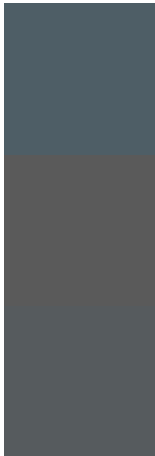
Deuteranomaly

91.7700, 5.5364, -2.4293

Tritanomaly

90.1280, 5.8529, -10.6363

Monochromacy



Original Color

90.1280, 5.8529, -10.6363

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8470, 2.0474, -3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1280, 5.8529, -10.6363 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(78, 94, 102)` looks like.

```
.text, #text, p{  
  color:rgb(78, 94, 102)  
}
```

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(78, 94, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 94, 102) }
```

Border

The CSS property to change the border of an element to YUV 90.1280, 5.8529, -10.6363 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(78, 94, 102) }
```


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

```
.border{ border-color:rgb(78, 94, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 94, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 94, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 94, 102);  
box-shadow:4px 4px 4px 4px rgb(78, 94,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 90.1280, 5.8529, -10.6363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 94, 102) }
```

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

```
.background{ background-color: rgb(78, 94,  
102) }
```

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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