

Converting Colors

YUV(89.9630, 12.8362,
-10.4916)

Have a look what the booklet for
YUV(89.9630, 12.8362, -10.4916)
contains.

| | |
|--|----|
| YUV(89.9630, 12.8362, -10.4916) | 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(89.9630, 12.8362,
-10.4916)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 4E5B74 |
| RGB | 78, 91, 116 |
| RGB Percent | 31%, 36%, 45% |
| CMY | 0.6941, 0.6431, 0.5451 |
| CMYK | 0.33, 0.22, 0.00, 0.55 |
| HSL | 219°, 20%, 38% |
| HSV | 219°, 33%, 45% |
| XYZ | 10.0354, 10.3628, 17.9943 |
| YIQ | 89.9630, -15.7730, 5.0190 |

Conversions

Conversions Part 2

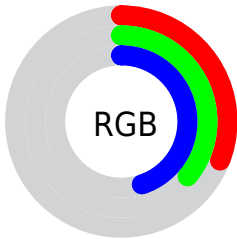
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 78, 88, 116 |
| Decimal | 5135220 |
| CIE _{Lab} | 38.49, 1.47, -15.81 |
| CIE _{LCh} | 38, 15.881, 275.302 |
| Yxy | 10.3628, 0.2614, 0.2699 |
| Android (android.graphics.Color) | 4283325300 (0xFF4E5B74) |
| YUV | 89.9630, 12.8362, -10.4916 |
| Hunter-Lab | 32.1913, -0.6891, -10.6080 |

Details

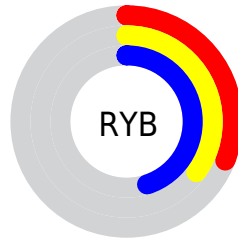
The YUV color **89.9630, 12.8362, -10.4916** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.0370, -12.8362, 10.4916**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1910, 13.7098, -10.6915**, and **43.4360, 12.1101, -10.9064** is the 20% darker color. If you saturate the color by 10%, you get **81.6790, 16.9203, -13.7505**, and if you desaturate by 10%, it is **98.2470, 8.7522, -7.2326**.

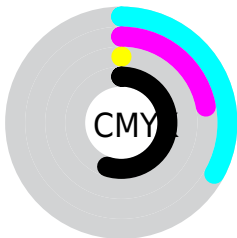
Distribution



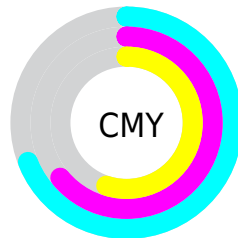
- Red (31%)
- Green (36%)
- Blue (45%)



- Red (31%)
- Yellow (35%)
- Blue (45%)



- Cyan (33%)
- Magenta (22%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9630, 12.8362, -10.4916 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 89.9630, 12.8362, -10.4916 by changing the saturation by 10% instead.

■ 89.9630, 12.8362,
-10.4916

■ 89.9630, 12.8362,
-10.4916

■ 255.0000, 0.0000,
0.0000

■ 66.4360, 12.1101,
-10.9064

■ 140.1910, 13.7098,
-10.6915

■ 43.4360, 12.1101,
-10.9064

■ 166.3050, 14.1466,
-10.7915

■ 22.1970, 11.2419,
-12.4508

■ 194.0060, 14.2940,
-11.4063

■ 3.4370, 10.6306,
-3.0142

■ 221.5330, 15.0202,
-10.9914

■ 0.0000, 0.0000,
0.0000

■ 247.5690, 3.6635,
-8.3920

■ 89.9630, 12.8362,
-10.4916

■ 89.9630, 12.8362,
-10.4916

■ 81.6790, 16.9203,
-13.7505

■ 98.2470, 8.7522,
-7.2326

■ 74.2810, 20.5675,
-16.9094

■ 105.6450, 5.1050,
-4.0737

■ 65.9970, 24.6515,
-20.1684

■ 113.9290, 1.0210,
-0.8147

■ 58.0120, 28.5881,
-22.8125

■ 121.9140, -2.9156,
1.8294

■ 50.3150, 32.3827,
-26.5863

■ 129.6110, -6.7102,
5.6032

■ 42.0310, 36.4667,
-29.8452


■ 137.8950,
-10.7942, 8.8621

■ 36.7040, 39.0929,
-32.1894

■ 145.2930,
-14.4414, 12.0210

■ 153.5770,

-18.5255, 15.2800

 161.5620,
-22.4621, 17.9241

Harmonies

Analogous

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



87.0000, 13.3110, -22.8020



89.9630, 12.8362, -10.4916



92.5410, 9.5933, 3.0335

Triad

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



89.9630, 12.8362, -10.4916



92.0690, -7.9220, 20.9875



86.5760, -3.7350, -15.4142

Complementary

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



89.9630, 12.8362, -10.4916



104.0370, -12.8362, 10.4916

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.



88.1600, -9.4459, -3.6483



89.9630, 12.8362, -10.4916



90.8250, -11.2527, 15.9395

Square

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



89.9630, 12.8362, -10.4916



92.3770, -1.6649, 20.7174



89.5420, -12.0992, 7.4177



85.1710, 3.8597, -24.7060

Rectangle

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



89.9630, 12.8362, -10.4916



92.6730, 6.0772, 10.8108



89.5420, -12.0992, 7.4177



87.1420, -5.4930, -11.5255

Sweetspot

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



89.9630, 12.8362, -10.4916



140.2320, 4.8156, -4.5885



103.1560, -0.0769, -22.0618



69.9010, 3.4998, -2.5442



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



89.9630, 12.8362, -10.4916



110.3520, 19.5465, -16.0947



84.1260, 15.7139, -0.1105



54.8580, 2.0420, -1.6295



38.5620, 41.1349, -33.8189



78.3950, 84.6013, -68.7524

Inverse Universe

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



90.8440, 0.0769, 22.0618



111.6220, 0.1864, 33.6575



109.8740, -15.7139, 0.1105



55.0220, -0.0108, 3.4887



41.2660, 0.3619, 70.8037



84.4400, 0.2761, 145.1961

Previews

White Background



This preview shows how the YUV color 89.9630, 12.8362, -10.4916 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 89.9630, 12.8362, -10.4916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

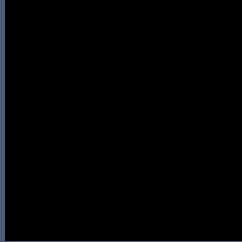
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

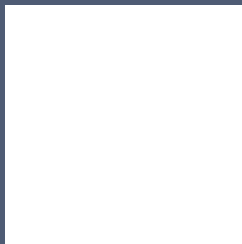
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 89.9630, 12.8362, -10.4916

Background



This preview shows how black text looks on a background with the YUV color 89.9630, 12.8362, -10.4916.



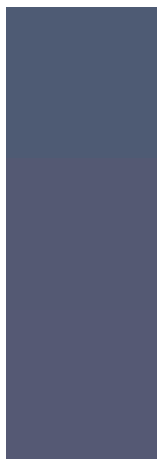
This preview shows how white text looks on a background with the YUV color 89.9630, 12.8362,

-10.4916.

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

89.9630, 12.8362, -10.4916

Protanopia

90.4690, 12.0938, -5.6733

Deuteranopia

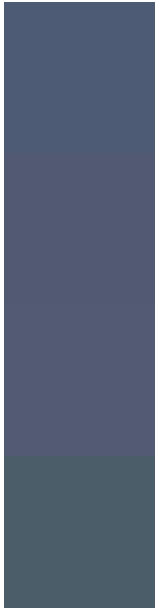
90.8820, 12.3832, -5.1585



Tritanopia

89.1170, 5.8583, -12.3806

Trichromacy



Original Color

89.9630, 12.8362, -10.4916

Protanomaly

90.4580, 12.0992, -7.4177

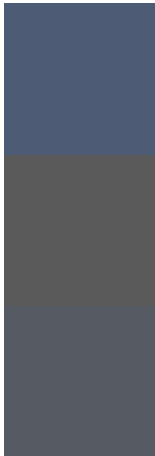
Deuteranomaly

90.5720, 12.5360, -7.5176

Tritanomaly

89.3990, 8.1843, -11.7509

Monochromacy



Original Color

89.9630, 12.8362, -10.4916

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9630, 12.8362, -10.4916 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, 91, 116)` looks like.

```
.text, #text, p{  
    color:rgb(78, 91, 116)  
}
```

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, 91, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 91, 116) }
```

Border

The CSS property to change the border of an element to YUV 89.9630, 12.8362, -10.4916 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, 91, 116) }
```


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

```
.border{ border-color:rgb(78, 91, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 91, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 91, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 91, 116);  
box-shadow:4px 4px 4px 4px rgb(78, 91,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 89.9630, 12.8362, -10.4916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 91, 116) }
```

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

```
.background{ background-color: rgb(78, 91,  
116) }
```

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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