

Converting Colors

YUV(88.3930, 10.6523, -9.9917)

Have a look what the booklet for
YUV(88.3930, 10.6523, -9.9917)
contains.

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Color

**YUV(88.3930, 10.6523,
-9.9917)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5A6E
RGB	77, 90, 110
RGB Percent	30%, 35%, 43%
CMY	0.6980, 0.6471, 0.5686
CMYK	0.30, 0.18, 0.00, 0.57
HSL	216°, 18%, 37%
HSV	216°, 30%, 43%
XYZ	9.5312, 10.0159, 16.1828
YIQ	88.3930, -14.1680, 3.4640

Conversions

Conversions Part 2

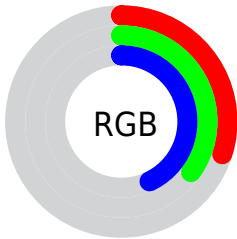
Format	Color
R_{YB}	77, 86, 110
Decimal	5069422
CIE Lab	37.87, 0.09, -13.06
CIE LCh	38, 13.060, 270.406
Yxy	10.0159, 0.2668, 0.2803
Android (android.graphics.Color)	4283259502 (0xFF4D5A6E)
YUV	88.3930, 10.6523, -9.9917
Hunter-Lab	31.6479, -1.6261, -8.1637

Details

The YUV color **88.3930, 10.6523, -9.9917** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.6070, -10.6523, 9.9917**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6210, 11.5258, -10.1916**, and **42.7520, 9.4893, -10.3065** is the 20% darker color. If you saturate the color by 10%, you get **80.9950, 14.2995, -13.1506**, and if you desaturate by 10%, it is **95.7910, 7.0050, -6.8327**.

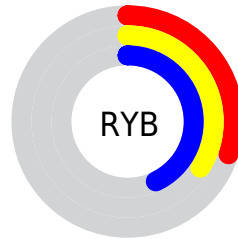
Distribution



 Red (30%)

 Green (35%)

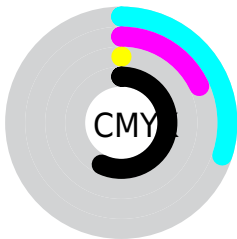
 Blue (43%)



 Red (30%)

 Yellow (34%)

 Blue (43%)

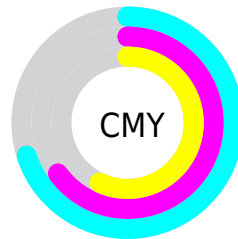


 Cyan (30%)


 Magenta (18%)

 Yellow (0%)

 Black (57%)



 Cyan (70%)

 Magenta (65%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3930, 10.6523, -9.9917 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 88.3930, 10.6523, -9.9917 by changing the saturation by 10% instead.

■ 88.3930, 10.6523,
-9.9917

■ 88.3930, 10.6523,
-9.9917

■ 255.0000, 0.0000,
0.0000

■ 65.2790, 10.2155,
-9.8917

■ 138.6210, 11.5258,
-10.1916

■ 42.7520, 9.4893,
-10.3065

■ 164.7350, 11.9626,
-10.2916

■ 21.3390, 9.1999,
-10.8213

■ 191.7350, 11.9626,
-10.2916

■ 2.8670, 8.4466,
-2.5144

■ 219.8490, 12.3994,
-10.3916

■ 0.0000, 0.0000,
0.0000

■ 246.3840, 4.2477,
-9.1068

■ 88.3930, 10.6523,
-9.9917

■ 88.3930, 10.6523,
-9.9917

■ 80.9950, 14.2995,
-13.1506

■ 95.7910, 7.0050,
-6.8327

■ 74.1840, 17.6573,
-16.8244

■ 102.6020, 3.6472,
-3.1590

■ 66.7860, 21.3045,
-19.9833

■ 110.0000, 0.0000,
0.0000

■ 59.3880, 24.9517,
-23.1423

■ 117.3980, -3.6472,
3.1590

■ 52.5770, 28.3095,
-26.8160

■ 124.2090, -7.0050,
6.8327

■ 45.1790, 31.9568,
-29.9750

■ 131.6070,
-10.6523, 9.9917

■ 37.7810, 35.6040,
-33.1339

■ 139.0050,
-14.2995, 13.1506

■ 145.8160,

-17.6573, 16.8244

■ 153.2140,
-21.3045, 19.9833

Harmonies

Analogous

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



86.2240, 10.2426, -18.6134



88.3930, 10.6523, -9.9917



89.8890, 8.4357, 0.9743

Triad

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



88.3930, 10.6523, -9.9917



90.3290, -5.5852, 18.1285



86.1960, -4.0406, -10.6959

Complementary

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



88.3930, 10.6523, -9.9917



98.6070, -10.6523, 9.9917

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.



87.8120, -8.2883, -1.5891



88.3930, 10.6523, -9.9917



89.6830, -9.2107, 14.3100

Square

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



88.3930, 10.6523, -9.9917



91.1700, -1.0698, 16.5139



88.4110, -10.0626, 7.5326



85.0470, 1.9488, -18.4582

Rectangle

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



88.3930, 10.6523, -9.9917



90.6510, 6.0881, 7.3221



88.4110, -10.0626, 7.5326



86.1640, -5.5039, -8.0368

Sweetspot

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



88.3930, 10.6523, -9.9917



134.4170, 4.2314, -3.8737



98.6510, -0.8139, -18.9879



66.5590, 2.1894, -2.2442



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



88.3930, 10.6523, -9.9917



109.2550, 16.6363, -16.0096



81.6590, 13.9721, -1.4549



52.4450, 1.7526, -2.1443



41.2690, 38.8144, -36.1929



85.0970, 79.8182, -74.6301

Inverse Universe

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



88.3490, 0.8139, 18.9879



108.9420, 1.5076, 29.8689



105.3410, -13.9721, 1.4549



52.1360, 0.4260, 3.3887



41.2380, 2.8407, 69.0743



84.9110, 5.9599, 142.1521

Previews

White Background



This preview shows how the YUV color 88.3930, 10.6523, -9.9917 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 88.3930, 10.6523, -9.9917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

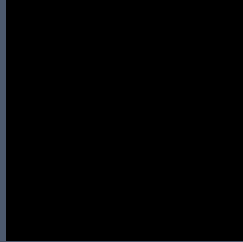
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

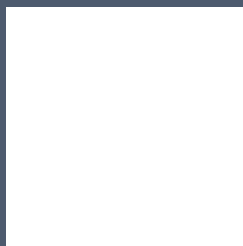
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.3930, 10.6523, -9.9917

Background



This preview shows how black text looks on a background with the YUV color 88.3930, 10.6523, -9.9917.



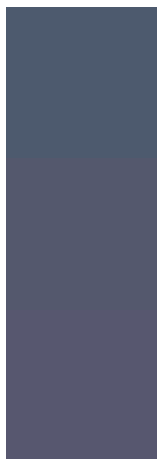
This preview shows how white text looks on a background with the YUV color 88.3930, 10.6523,

-9.9917.

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

88.3930, 10.6523, -9.9917

Protanopia

89.1980, 9.7624, -4.5586

Deuteranopia

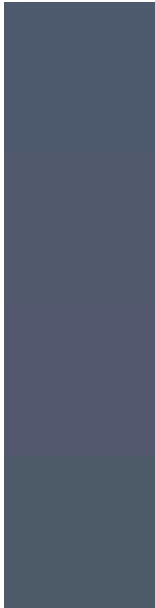
89.7360, 10.4832, -2.3995



Tritanopia

87.7150, 5.5635, -11.1511

Trichromacy



Original Color

88.3930, 10.6523, -9.9917

Protanomaly

88.8880, 9.9152, -6.9178

Deuteranomaly

89.1270, 10.7834, -5.3734

Tritanomaly

87.8830, 7.4527, -10.4214

Monochromacy



Original Color

88.3930, 10.6523, -9.9917

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.3030, 3.7946, -3.7737

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3930, 10.6523, -9.9917 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(77, 90, 110)` looks like.

```
.text, #text, p{  
  color:rgb(77, 90, 110)  
}
```

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(77, 90, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 90, 110) }
```

Border

The CSS property to change the border of an element to YUV 88.3930, 10.6523, -9.9917 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(77, 90, 110) }
```


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

```
.border{ border-color:rgb(77, 90, 110) }
```

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

Here you see how a box with a 4 pixel rgb(77, 90, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 90, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 90, 110);  
box-shadow:4px 4px 4px 4px rgb(77, 90,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 88.3930, 10.6523, -9.9917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 90, 110) }
```

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

```
.background{ background-color: rgb(77, 90,  
110) }
```

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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