

Converting Colors

YUV(100.3130, 5.2687, -9.9215)

Have a look what the booklet for
YUV(100.3130, 5.2687, -9.9215)
contains.

YUV(100.3130, 5.2687, -9.9215)	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(100.3130, 5.2687,
-9.9215)**

Conversions

Conversions Part 1	
Format	Color
Hex	59686F
RGB	89, 104, 111
RGB Percent	35%, 41%, 44%
CMY	0.6510, 0.5922, 0.5647
CMYK	0.20, 0.06, 0.00, 0.56
HSL	199°, 11%, 39%
HSV	199°, 20%, 44%
XYZ	11.9394, 13.1722, 16.9521
YIQ	100.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

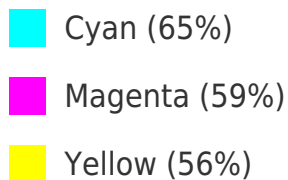
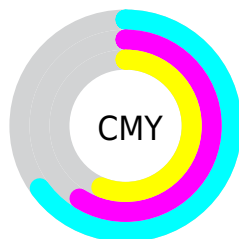
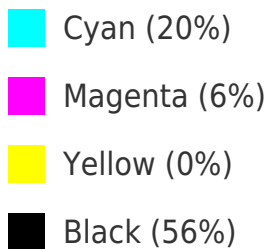
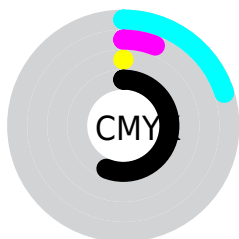
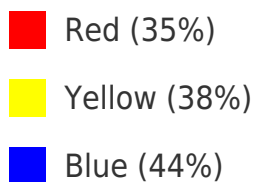
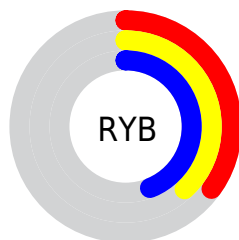
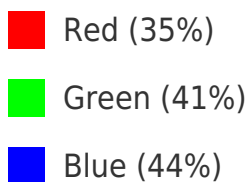
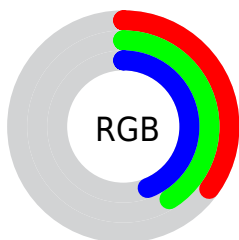
Format	Color
RYB	89, 98, 111
Decimal	5859439
CIELab	43.02, -3.99, -5.83
CIELCh	43, 7.068, 235.598
Yxy	13.1722, 0.2838, 0.3131
Android (android.graphics.Color)	4284049519 (0xFF59686F)
YUV	100.3130, 5.2687, -9.9215
Hunter-Lab	36.2935, -4.7929, -2.2880

Details

The YUV color **100.3130, 5.2687, -9.9215** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.6870, -5.2687, 9.9215**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1280, 5.8529, -10.6363**, and **53.4980, 4.6845, -9.2067** is the 20% darker color. If you saturate the color by 10%, you get **94.6760, 8.0477, -14.6249**, and if you desaturate by 10%, it is **105.9500, 2.4897, -5.2181**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 100.3130, 5.2687, -9.9215 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 100.3130, 5.2687, -9.9215 by changing the saturation by 10% instead.


 100.3130, 5.2687,
-9.9215

 100.3130, 5.2687,
-9.9215


255.0000, 0.0000,
0.0000

 76.3130, 5.2687,
-9.9215


 151.1280, 5.8529,
-10.6363

 53.4980, 4.6845,
-9.2067


 178.1280, 5.8529,
-10.6363

 32.3840, 4.2477,
-9.1068


 205.1280, 5.8529,
-10.6363


 10.6120, 5.1213,
-9.3067


 233.8290, 6.0003,
-11.2510


 0.0000, 0.0000,
0.0000


 253.5050, 0.7370,
-3.0739


 100.3130, 5.2687,
-9.9215


 100.3130, 5.2687,
-9.9215

 94.6760, 8.0477,
-14.6249


 105.9500, 2.4897,
-5.2181

 89.6260, 10.5374,
-19.8430


 111.0000, 0.0000,
0.0000

 83.9890, 13.3164,
-24.5464


 116.6370, -2.7790,
4.7034


 78.9390, 15.8061,
-29.7645


 121.6870, -5.2687,
9.9215


 73.0030, 18.7325,
-35.0826

 127.3240, -8.0477,
14.6249

 67.9530, 21.2222,
-40.3008

 132.6730,
-10.6848, 20.4578

 62.3160, 24.0012,
-45.0041

 138.3100,
-13.4638, 25.1611

 57.2660, 26.4909,

 143.3600,

-50.2223

-15.9535, 30.3793

 148.9970,
-18.7325, 35.0826

Harmonies

Analogous

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



99.7320, 3.0901, -11.1660



100.3130, 5.2687, -9.9215



101.1610, 5.8366, -5.4032

Triad

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



100.3130, 5.2687, -9.9215



103.0550, -0.0271, 8.7218



101.0340, -4.9468, -0.0298

Complementary

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



100.3130, 5.2687, -9.9215



99.6870, -5.2687, 9.9215

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.



101.5400, -5.6892, 4.7884



100.3130, 5.2687, -9.9215



102.6700, -2.7953, 9.9364

Square

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



100.3130, 5.2687, -9.9215



103.0160, 2.4571, 5.2480



102.0890, -4.9739, 8.6919



99.9840, -2.4571, -5.2480

Rectangle

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



100.3130, 5.2687, -9.9215



101.7700, 5.5364, -2.4293



102.0890, -4.9739, 8.6919



100.9310, -5.3890, 1.8145

Sweetspot

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



100.3130, 5.2687, -9.9215



141.4340, 1.7580, -3.8886



102.7120, -3.3090, -12.0254



71.3310, 1.3158, -2.0443



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



100.3130, 5.2687, -9.9215



128.0780, 8.3425, -15.8544



93.8560, 8.4520, -4.2587



53.0320, 1.4632, -2.6591



61.8140, 28.6857, -54.2109



127.3610, 58.9820, -111.6956

Inverse Universe

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



97.2880, 3.3090, 12.0254



123.2010, 5.3239, 19.1177



106.1440, -8.4520, 4.2587



52.2500, 0.8628, 3.2888



45.2280, 18.1286, 65.5750



93.1190, 37.4093, 134.9536

Previews

White Background



This preview shows how the YUV color 100.3130, 5.2687, -9.9215 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 100.3130, 5.2687, -9.9215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

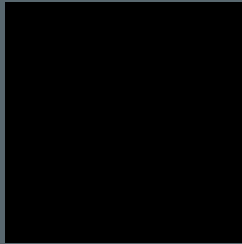
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

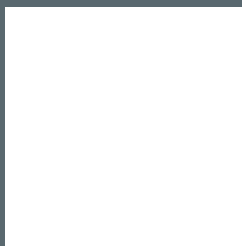
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.3130, 5.2687, -9.9215

Background



This preview shows how black text looks on a background with the YUV color 100.3130, 5.2687, -9.9215.



This preview shows how white text looks on a background with the YUV color 100.3130, 5.2687, -9.9215.

-9.9215.

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

100.3130, 5.2687, -9.9215

Protanopia

101.9120, 3.4944, -0.7998

Deuteranopia

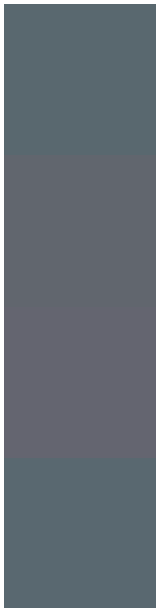
102.5750, 4.6465, 3.0037



Tritanopia

100.4270, 5.7055, -10.0215

Trichromacy



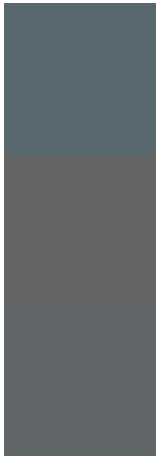
Original Color
100.3130, 5.2687, -9.9215

Protanomaly
101.4170, 4.2314, -3.8737

Deuteranomaly
101.9550, 4.9522, -1.7145

Tritanomaly
100.4270, 5.7055, -10.0215

Monochromacy



Original Color
100.3130, 5.2687, -9.9215

Achromatopsia
100.0000, 0.0000, 0.0000

Achromatomaly
99.8470, 2.0474, -3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3130, 5.2687, -9.9215 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(89, 104, 111)` looks like.

```
.text, #text, p{  
    color:rgb(89, 104, 111)  
}
```

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(89, 104, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 104, 111) }
```

Border

The CSS property to change the border of an element to YUV 100.3130, 5.2687, -9.9215 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(89, 104, 111) }
```


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

```
.border{ border-color:rgb(89, 104, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 104, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 104, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 104, 111);  
box-shadow:4px 4px 4px 4px rgb(89, 104,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 100.3130, 5.2687, -9.9215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 104, 111) }
```

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

```
.background{ background-color: rgb(89, 104,  
111) }
```

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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