

Converting Colors

YUV(95.8090, 19.8142, -8.6025)

Have a look what the booklet for
YUV(95.8090, 19.8142, -8.6025)
contains.

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Color

**YUV(95.8090, 19.8142,
-8.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	565D88
RGB	86, 93, 136
RGB Percent	34%, 36%, 53%
CMY	0.6627, 0.6353, 0.4667
CMYK	0.37, 0.32, 0.00, 0.47
HSL	232°, 23%, 44%
HSV	232°, 37%, 53%
XYZ	12.1960, 11.5847, 24.8858
YIQ	95.8090, -17.9750, 11.8890

Conversions

Conversions Part 2

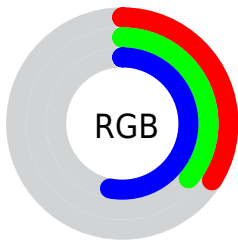
Format	Color
R_{YB}	86, 92, 136
Decimal	5660040
CIE Lab	40.55, 8.45, -24.78
CIE LCh	41, 26.185, 288.823
Yxy	11.5847, 0.2506, 0.2380
Android (android.graphics.Color)	4283850120 (0xFF565D88)
YUV	95.8090, 19.8142, -8.6025
Hunter-Lab	34.0363, 4.3973, -19.5248

Details

The YUV color **95.8090, 19.8142, -8.6025** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **126.1910, -19.8142, 8.6025**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5640, 21.4139, -8.3876**, and **48.4560, 18.5092, -10.0469** is the 20% darker color. If you saturate the color by 10%, you get **84.5790, 25.3506, -11.0318**, and if you desaturate by 10%, it is **107.0390, 14.2778, -6.1732**.

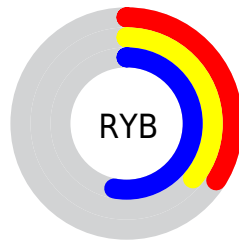
Distribution



Red (34%)

Green (36%)

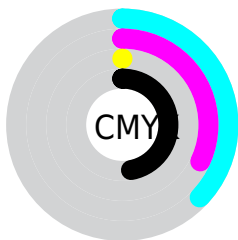
Blue (53%)



Red (34%)

Yellow (36%)

Blue (53%)

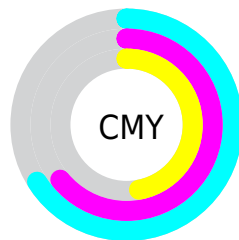


Cyan (37%)

Magenta (32%)

Yellow (0%)

Black (47%)



Cyan (66%)

Magenta (64%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8090, 19.8142, -8.6025 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 95.8090, 19.8142, -8.6025 by changing the saturation by 10% instead.

■ 95.8090, 19.8142,
-8.6025

■ 95.8090, 19.8142,
-8.6025

■ 255.0000, 0.0000,
0.0000

■ 71.8690, 18.7986,
-9.5321

■ 146.5640, 21.4139,
-8.3876

■ 48.4560, 18.5092,
-10.0469

■ 173.5640, 21.4139,
-8.3876

■ 26.2060, 17.6464,
-13.3357

■ 201.0910, 22.1401,
-7.9728

■ 4.6740, 17.9087,
-4.0991

■ 226.9250, 13.8410,
-6.0732

■ 2.6390, 7.5730,
-2.3144

■ 252.0320, 1.4632,
-2.6591

■ 0.0000, 0.0000,
0.0000

■ 95.8090, 19.8142,
-8.6025

■ 95.8090, 19.8142,
-8.6025

■ 84.5790, 25.3506,
-11.0318

■ 107.0390, 14.2778,
-6.1732

■ 74.2350, 30.4501,
-13.3611

■ 117.3830, 9.1782,
-3.8439

■ 63.0050, 35.9865,
-15.7904

■ 128.6130, 3.6418,
-1.4146

■ 52.0740, 41.3755,
-17.6049

■ 139.5440, -1.7472,
0.3999

■ 41.4310, 46.6225,
-20.5490

■ 150.1870, -6.9942,
3.3440

■ 30.2010, 52.1589,
-22.9783

■ 161.4170,
-12.5306, 5.7733

■ 26.6570, 53.9061,
-23.3782

■ 172.3480,
-17.9196, 7.5878

■ 183.5780,

-23.4560, 10.0171

■ 193.9220,
-28.5555, 12.3464

Harmonies

Analogous

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



88.6700, 23.8267, -35.6676



95.8090, 19.8142, -8.6025



98.4160, 12.6129, 14.5442

Triad

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



95.8090, 19.8142, -8.6025



95.7730, -15.6641, 30.8941



84.9970, 0.9875, -36.8314

Complementary

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



95.8090, 19.8142, -8.6025



126.1910, -19.8142, 8.6025

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.



90.2140, -11.4445, -15.9737



95.8090, 19.8142, -8.6025



95.0290, -20.7203, 19.2686

Square

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



95.8090, 19.8142, -8.6025



96.7980, -6.8024, 35.2572



92.9730, -19.2137, 2.6547



75.2350, 16.6461, -65.9811

Rectangle

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



95.8090, 19.8142, -8.6025



98.2880, 6.7600, 25.1804



92.9730, -19.2137, 2.6547



87.0750, -3.9810, -29.8838

Sweetspot

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



95.8090, 19.8142, -8.6025



160.3400, 7.7204, -2.9292



120.1380, 3.8760, -29.9390



79.8410, 4.5154, -1.6146



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



95.8090, 19.8142, -8.6025



113.6480, 30.7395, -12.8463



96.7830, 19.3340, 5.4523



63.3850, 2.7682, -1.2146



26.3150, 52.5957, -23.0783



1.1570, 1.8946, -1.0147

Inverse Universe

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



101.7480, -4.3128, 30.0390



123.1630, -6.9824, 46.3380



125.2170, -19.3340, -5.4523



64.2070, -0.5951, 4.2035



41.9330, -11.3060, 79.8658



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 95.8090, 19.8142, -8.6025 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 95.8090, 19.8142, -8.6025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

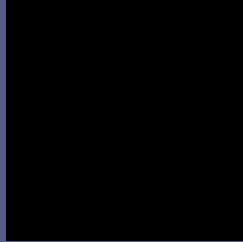
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8090, 19.8142, -8.6025

Background



This preview shows how black text looks on a background with the YUV color 95.8090, 19.8142, -8.6025.



This preview shows how white text looks on a background with the YUV color 95.8090, 19.8142,

-8.6025.

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

95.8090, 19.8142, -8.6025

Protanopia

95.3140, 20.5512, -11.6764

Deuteranopia

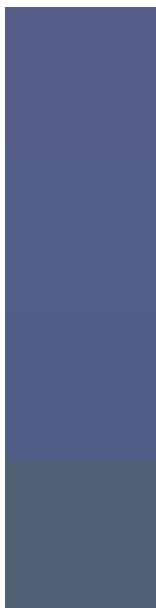
95.4880, 19.9724, -12.7060



Tritanopia

93.9320, 6.4425, -13.0954

Trichromacy



Original Color

95.8090, 19.8142, -8.6025

Protanomaly

95.6130, 20.4038, -11.0616

Deuteranomaly

95.4990, 19.9670, -10.9616

Tritanomaly

94.9090, 11.3839, -11.3212

Monochromacy



Original Color

95.8090, 19.8142, -8.6025

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9270, 7.4310, -3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8090, 19.8142, -8.6025 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(86, 93, 136)` looks like.

```
.text, #text, p{  
    color:rgb(86, 93, 136)  
}
```

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(86, 93, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 93, 136) }
```

Border

The CSS property to change the border of an element to YUV 95.8090, 19.8142, -8.6025 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(86, 93, 136) }
```


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

```
.border{ border-color:rgb(86, 93, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 93, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 93, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 93, 136);  
box-shadow:4px 4px 4px 4px rgb(86, 93,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 95.8090, 19.8142, -8.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 93, 136) }
```

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

```
.background{ background-color: rgb(86, 93,  
136) }
```

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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