

Converting Colors

YUV(95.9180, 17.7884,
-12.2061)

Have a look what the booklet for
YUV(95.9180, 17.7884, -12.2061)
contains.

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Color

**YUV(95.9180, 17.7884,
-12.2061)**

Conversions

Conversions Part 1

Format	Color
Hex	526084
RGB	82, 96, 132
RGB Percent	32%, 38%, 52%
CMY	0.6784, 0.6235, 0.4824
CMYK	0.38, 0.27, 0.00, 0.48
HSL	223°, 23%, 42%
HSV	223°, 38%, 52%
XYZ	11.8274, 11.8255, 23.4890
YIQ	95.9180, -19.9000, 8.2280

Conversions

Conversions Part 2

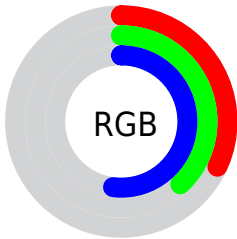
Format	Color
R _Y B	82, 93, 132
Decimal	5398660
CIE Lab	40.94, 4.20, -21.78
CIE LCh	41, 22.183, 280.925
Yxy	11.8255, 0.2509, 0.2508
Android (android.graphics.Color)	4283588740 (0xFF526084)
YUV	95.9180, 17.7884, -12.2061
Hunter-Lab	34.3883, 1.2133, -16.4264

Details

The YUV color **95.9180, 17.7884, -12.2061** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.0820, -17.7884, 12.2061**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5590, 18.9514, -11.8912**, and **48.5650, 16.4835, -13.6505** is the 20% darker color. If you saturate the color by 10%, you get **86.1610, 22.5986, -15.0502**, and if you desaturate by 10%, it is **105.6750, 12.9782, -9.3620**.

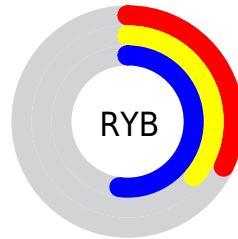
Distribution



Red (32%)

Green (38%)

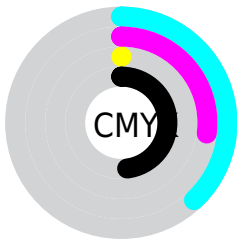
Blue (52%)



Red (32%)

Yellow (36%)

Blue (52%)

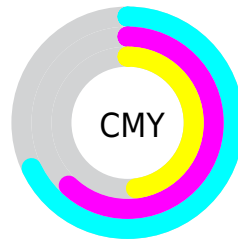


Cyan (38%)

Magenta (27%)

Yellow (0%)

Black (48%)



Cyan (68%)

Magenta (62%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9180, 17.7884, -12.2061 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 95.9180, 17.7884, -12.2061 by changing the saturation by 10% instead.

■ 95.9180, 17.7884,
-12.2061

■ 95.9180, 17.7884,
-12.2061

■ 255.0000, 0.0000,
0.0000

■ 71.8040, 17.3516,
-12.1061

■ 146.5590, 18.9514,
-11.8912

■ 48.5650, 16.4835,
-13.6505

■ 173.6730, 19.3882,
-11.9912

■ 25.8420, 16.3469,
-16.5244

■ 200.7870, 19.8250,
-12.0912

■ 5.5060, 16.0195,
-4.8288

■ 227.1910, 13.7098,
-10.6915

■ 2.1830, 5.8258,
-1.9145

■ 251.7110, 1.6215,
-6.7625

■ 0.0000, 0.0000,
0.0000

■ 95.9180, 17.7884,
-12.2061

■ 95.9180, 17.7884,
-12.2061

■ 86.1610, 22.5986,
-15.0502

■ 105.6750, 12.9782,
-9.3620

■ 76.9910, 27.1194,
-18.4091

■ 114.8450, 8.4574,
-6.0031

■ 66.9350, 32.0770,
-21.8680

■ 124.9010, 3.4998,
-2.5442

■ 57.7650, 36.5979,
-25.2269

■ 134.0710, -1.0210,
0.8147

■ 48.0080, 41.4081,
-28.0710

■ 143.8280, -5.8312,
3.6588

■ 38.8380, 45.9289,
-31.4299

■ 152.9980,
-10.3520, 7.0178

■ 36.7670, 46.9499,
-32.2447

■ 162.7550,
-15.1622, 9.8619

■ 172.2240,

-19.8304, 13.8356

■ 181.9810,
-24.6406, 16.6797

Harmonies

Analogous

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



90.8400, 19.3059, -32.3087



95.9180, 17.7884, -12.2061



98.3720, 12.6346, 7.5668

Triad

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



95.9180, 17.7884, -12.2061



97.7880, -11.7275, 28.2499



89.7380, -2.8288, -26.0802

Complementary

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



95.9180, 17.7884, -12.2061



118.0820, -17.7884, 12.2061

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.



92.2580, -11.4662, -8.9963



95.9180, 17.7884, -12.2061



96.0660, -16.7945, 20.1131

Square

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



95.9180, 17.7884, -12.2061



98.4490, -4.1654, 29.4242



94.9780, -16.7512, 6.1583



85.9240, 8.4185, -40.2753

Rectangle

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



95.9180, 17.7884, -12.2061



99.3580, 7.2185, 18.1030



94.9780, -16.7512, 6.1583



90.8590, -6.3395, -20.0473

Sweetspot

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



95.9180, 17.7884, -12.2061



157.1010, 6.8522, -4.4736



115.4540, 1.2552, -29.3392



78.7160, 4.0840, -3.2589



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



95.9180, 17.7884, -12.2061



115.1050, 27.5562, -18.5091



90.9890, 20.2184, 1.7636



61.8580, 2.0420, -1.6295



35.9520, 46.3657, -31.5299



0.9290, 1.0210, -0.8147

Inverse Universe

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



98.5460, -1.2552, 29.3392



119.4170, -2.1776, 45.2383



123.0110, -20.2184, -1.7636



62.0220, -0.0108, 3.4887



42.9740, -3.4382, 76.3218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 95.9180, 17.7884, -12.2061 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 95.9180, 17.7884, -12.2061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

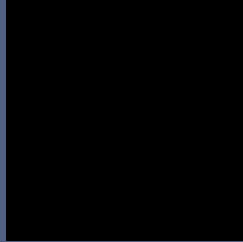
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

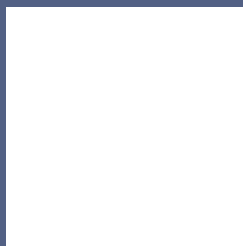
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.9180, 17.7884, -12.2061

Background



This preview shows how black text looks on a background with the YUV color 95.9180, 17.7884, -12.2061.



This preview shows how white text looks on a background with the YUV color 95.9180, 17.7884,

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

95.9180, 17.7884, -12.2061

Protanopia

96.4130, 17.0514, -9.1322

Deuteranopia

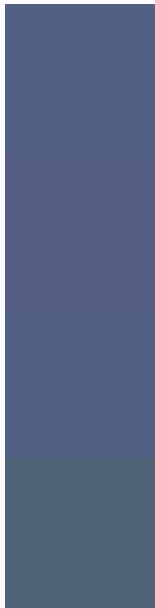
96.2280, 17.6356, -9.8470



Tritanopia

93.7360, 7.0322, -15.5545

Trichromacy



Original Color

95.9180, 17.7884, -12.2061

Protanomaly

96.1140, 17.1988, -9.7470

Deuteranomaly

95.9290, 17.7830, -10.4617

Tritanomaly

94.7730, 10.9579, -14.7099

Monochromacy



Original Color

95.9180, 17.7884, -12.2061

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9180, 17.7884, -12.2061 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(82, 96, 132)` looks like.

```
.text, #text, p{  
    color:rgb(82, 96, 132)  
}
```

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(82, 96, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 96, 132) }
```

Border

The CSS property to change the border of an element to YUV 95.9180, 17.7884, -12.2061 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(82, 96, 132) }
```


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

```
.border{ border-color:rgb(82, 96, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 96, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 96, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 96, 132);  
box-shadow:4px 4px 4px 4px rgb(82, 96,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 95.9180, 17.7884, -12.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 96, 132) }
```

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

```
.background{ background-color: rgb(82, 96,  
132) }
```

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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