

Converting Colors

YUV(95.3170, 16.1127, 12.0000)

Have a look what the booklet for
YUV(95.3170, 16.1127, 12.0000)
contains.

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Color

**YUV(95.3170, 16.1127,
12.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5280
RGB	109, 82, 128
RGB Percent	43%, 32%, 50%
CMY	0.5725, 0.6784, 0.4980
CMYK	0.15, 0.36, 0.00, 0.50
HSL	275°, 22%, 41%
HSV	275°, 36%, 50%
XYZ	13.2202, 10.8443, 21.8185
YIQ	95.3170, 1.3260, 20.0300

Conversions

Conversions Part 2

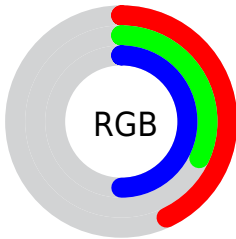
Format	Color
R _Y B	109, 82, 128
Decimal	7164544
CIE Lab	39.32, 20.63, -21.66
CIE LCh	39, 29.911, 313.598
Yxy	10.8443, 0.2881, 0.2363
Android (android.graphics.Color)	4285354624 (0xFF6D5280)
YUV	95.3170, 16.1127, 12.0000
Hunter-Lab	32.9307, 14.0313, -16.2315

Details

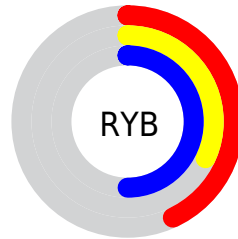
The YUV color **95.3170, 16.1127, 12.0000** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **114.6830, -16.1127, -12.0000**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2570, 17.1283, 12.9296**, and **48.0780, 15.2445, 10.4556** is the 20% darker color. If you saturate the color by 10%, you get **86.1910, 20.6118, 15.6185**, and if you desaturate by 10%, it is **104.4430, 11.6136, 8.3815**.

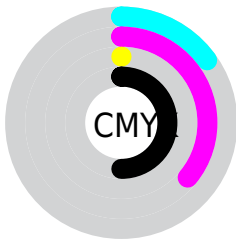
Distribution



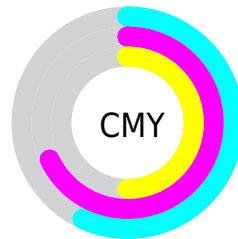
- Red (43%)
- Green (32%)
- Blue (50%)



- Red (43%)
- Yellow (32%)
- Blue (50%)



- Cyan (15%)
- Magenta (36%)
- Yellow (0%)
- Black (50%)



- Cyan (57%)
- Magenta (68%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.3170, 16.1127, 12.0000 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 95.3170, 16.1127, 12.0000 by changing the saturation by 10% instead.

■ 95.3170, 16.1127,
12.0000

■ 95.3170, 16.1127,
12.0000

■ 255.0000, 0.0000,
0.0000

■ 71.4910, 15.5339,
10.9704

■ 146.2570, 17.1283,
12.9296

■ 48.0780, 15.2445,
10.4556

■ 172.7840, 17.8545,
13.3444

■ 27.1380, 14.2290,
9.5260

■ 200.1970, 18.1439,
13.8592

■ 9.5570, 12.0504,
8.2815

■ 227.3560, 13.6285,
15.4738

■ 0.9120, 3.4944,
-0.7998

■ 246.7820, 4.0515,
7.2072

■ 0.0000, 0.0000,
0.0000

95.3170, 16.1127,
12.0000

95.3170, 16.1127,
12.0000

86.1910, 20.6118,
15.6185

104.4430, 11.6136,
8.3815

76.7660, 25.2584,
18.6222

113.8680, 6.9671,
5.3778

68.2270, 29.4681,
21.7259

122.4070, 2.7573,
2.2741

59.1010, 33.9672,
25.3444

131.5330, -1.7418,
-1.3444

49.9750, 38.4663,
28.9629

140.6590, -6.2409,
-4.9629

40.5500, 43.1129,
31.9667


150.0840,
-10.8874, -7.9667

37.0170, 44.8546,
33.3111

159.2100,
-15.3865, -11.5852

167.7490,

-19.5963, -14.6889

 177.1740,
-24.2428, -17.6926

Harmonies

Analogous

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



91.2040, 24.0564, -15.9649



95.3170, 16.1127, 12.0000



94.8050, 6.0121, 31.7430

Triad

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



95.3170, 16.1127, 12.0000



91.8940, -22.6257, 23.7720



73.3770, 14.6041, -64.3516

Complementary

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



95.3170, 16.1127, 12.0000



114.6830, -16.1127, -12.0000

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.



80.1060, -1.0383, -40.4350



95.3170, 16.1127, 12.0000



89.7840, -22.5715, 6.3284

Square

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



95.3170, 16.1127, 12.0000



92.6920, -16.1172, 36.2271



86.6010, -15.0863, -14.5591



75.2980, 24.5031, -66.0363

Rectangle

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



95.3170, 16.1127, 12.0000



94.4870, -1.7191, 38.1609



86.6010, -15.0863, -14.5591



72.4650, 11.1098, -63.5518

Sweetspot

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



95.3170, 16.1127, 12.0000



153.0420, 6.3883, 4.3482



98.3970, 14.5943, -14.3802



76.3470, 3.7729, 3.2037



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



95.3170, 16.1127, 12.0000



114.7660, 25.2584, 18.6222



100.5420, 11.5648, 24.0807



58.9940, 2.4680, 1.7593



37.0170, 44.8546, 33.3111



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.9200, 1.5184, 26.3802



118.9480, 2.4906, 41.2646



109.4580, -11.5648, -24.0807



59.4350, 0.2785, 4.0035



44.3140, 4.2822, 73.3926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.3170, 16.1127, 12.0000 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 95.3170, 16.1127, 12.0000 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 95.3170, 16.1127, 12.0000

Background



This preview shows how black text looks on a background with the YUV color 95.3170, 16.1127, 12.0000.



This preview shows how white text looks on a background with the YUV color 95.3170, 16.1127,

12.0000.

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

95.3170, 16.1127, 12.0000

Protanopia

92.1290, 21.1354, -12.3911

Deuteranopia

93.1850, 16.1778, -8.9322



Tritanopia

94.2830, 0.8465, 8.5218

Trichromacy



Original Color

95.3170, 16.1127, 12.0000

Protanomaly

93.3150, 19.0717, -3.7843

Deuteranomaly

93.6420, 16.4455, -1.4400

Tritanomaly

94.4880, 6.6614, 10.0960

Monochromacy



Original Color

95.3170, 16.1127, 12.0000

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3170, 16.1127, 12.0000 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(109, 82, 128)` looks like.

```
.text, #text, p{  
    color:rgb(109, 82, 128)  
}
```

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(109, 82, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 82, 128) }
```

Border

The CSS property to change the border of an element to YUV 95.3170, 16.1127, 12.0000 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(109, 82, 128) }
```


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

```
.border{ border-color:rgb(109, 82, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 82, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 82, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 82, 128);  
box-shadow:4px 4px 4px 4px rgb(109, 82,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 95.3170, 16.1127, 12.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 82, 128) }
```

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

```
.background{ background-color: rgb(109, 82,  
128) }
```

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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