

Converting Colors

YUV(95.7910, 27.2180, -3.3247)

Have a look what the booklet for
YUV(95.7910, 27.2180, -3.3247)
contains.

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Color

**YUV(95.7910, 27.2180,
-3.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	5C5797
RGB	92, 87, 151
RGB Percent	36%, 34%, 59%
CMY	0.6392, 0.6588, 0.4078
CMYK	0.39, 0.42, 0.00, 0.41
HSL	245°, 27%, 47%
HSV	245°, 42%, 59%
XYZ	13.4077, 11.3261, 30.7576
YIQ	95.7910, -17.5640, 20.9640

Conversions

Conversions Part 2

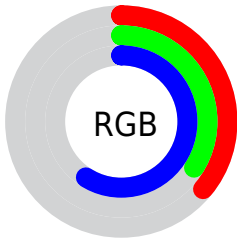
Format	Color
R_{YB}	92, 87, 151
Decimal	6051735
CIE _{Lab}	40.12, 18.37, -34.46
CIE _{LCh}	40, 39.051, 298.054
Yxy	11.3261, 0.2416, 0.2041
Android (android.graphics.Color)	4284241815 (0xFF5C5797)
YUV	95.7910, 27.2180, -3.3247
Hunter-Lab	33.6542, 12.2190, -30.6290

Details

The YUV color **95.7910, 27.2180, -3.3247** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142.2090, -27.2180, 3.3247**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2580, 28.9598, -1.9803**, and **48.3130, 25.4817, -6.4135** is the 20% darker color. If you saturate the color by 10%, you get **82.8000, 33.6226, -4.2096**, and if you desaturate by 10%, it is **108.7820, 20.8135, -2.4398**.

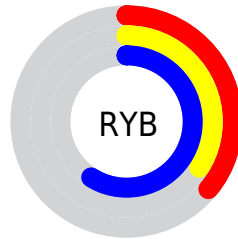
Distribution



Red (36%)

Green (34%)

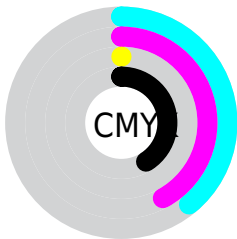
Blue (59%)



Red (36%)

Yellow (34%)

Blue (59%)

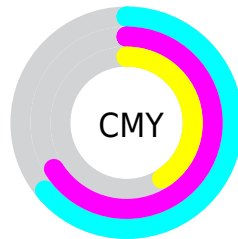


Cyan (39%)

Magenta (42%)

Yellow (0%)

Black (41%)



Cyan (64%)

Magenta (66%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7910, 27.2180, -3.3247 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 95.7910, 27.2180, -3.3247 by changing the saturation by 10% instead.

■ 95.7910, 27.2180,
-3.3247

■ 95.7910, 27.2180,
-3.3247

■ 255.0000, 0.0000,
0.0000

■ 71.5520, 26.3499,
-4.8691

■ 147.2580, 28.9598,
-1.9803

■ 48.3130, 25.4817,
-6.4135

■ 173.7850, 29.6860,
-1.5654

■ 24.4650, 24.9138,
-10.9318

■ 200.4000, 26.9178,
-0.3508

■ 5.9280, 22.7135,
-5.1989

■ 225.2080, 14.6875,
2.4486

■ 4.5940, 12.5252,
-4.0289

■ 249.7170, 2.6045,
4.6332

■ 0.0000, 0.0000,
0.0000

■ 95.7910, 27.2180,
-3.3247

■ 95.7910, 27.2180,
-3.3247

■ 82.8000, 33.6226,
-4.2096

■ 108.7820, 20.8135,
-2.4398

■ 69.8090, 40.0272,
-5.0945

■ 121.7730, 14.4089,
-1.5549

■ 56.8180, 46.4317,
-5.9794

■ 134.7640, 8.0043,
-0.6700

■ 43.8270, 52.8363,
-6.8643

■ 147.7550, 1.5998,
0.2149

■ 30.2490, 59.5302,
-7.2344

■ 161.3330, -5.0942,
0.5850


■ 20.8020, 64.1876,
-7.7194

■ 174.3240,
-11.4987, 1.4699

■ 187.0160,
-17.7559, 1.7400

■ 200.0070,

-24.1605, 2.6249

 212.9980,
-30.5650, 3.5098

Harmonies

Analogous

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



76.1250, 40.3644, -66.7616



95.7910, 27.2180, -3.3247



97.3130, 15.6217, 29.5435

Triad

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



95.7910, 27.2180, -3.3247



92.7820, -26.0215, 39.6562



74.9440, 7.9156, -65.7259

Complementary

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



95.7910, 27.2180, -3.3247



142.2090, -27.2180, 3.3247

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.



81.1960, -10.9426, -37.0059



95.7910, 27.2180, -3.3247



91.1680, -31.6348, 20.0237

Square

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



95.7910, 27.2180, -3.3247



93.4750, -13.5452, 51.3264



88.3820, -26.3173, -5.5970



78.7060, 22.3299, -69.0252

Rectangle

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



95.7910, 27.2180, -3.3247



95.9960, 6.4110, 43.8535



88.3820, -26.3173, -5.5970



73.1030, 3.4002, -64.1113

Sweetspot

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



95.7910, 27.2180, -3.3247



174.4480, 10.6251, -1.2699



129.5160, 10.5916, -37.2865



86.0090, 6.4046, -0.8849



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



95.7910, 27.2180, -3.3247



109.7920, 42.5005, -5.0796



105.0600, 22.6484, 15.7334



69.9120, 3.4944, -0.7998



19.2490, 59.5302, -7.2344



1.7810, 5.5310, -0.6849

Inverse Universe

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



112.8620, 16.3370, 33.4470



136.5020, 25.8815, 52.1797



132.9400, -22.6484, -15.7334



72.1900, 1.8783, 4.2184



56.5660, 35.7100, 73.1716



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 95.7910, 27.2180, -3.3247 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 95.7910, 27.2180, -3.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

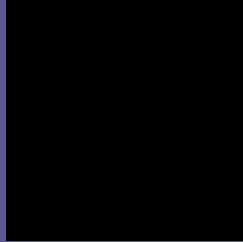
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7910, 27.2180, -3.3247

Background



This preview shows how black text looks on a background with the YUV color 95.7910, 27.2180, -3.3247.



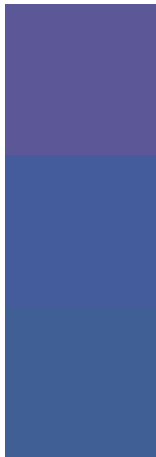
This preview shows how white text looks on a background with the YUV color 95.7910, 27.2180,

-3.3247.

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

95.7910, 27.2180, -3.3247

Protanopia

92.4190, 31.3454, -20.5385

Deuteranopia

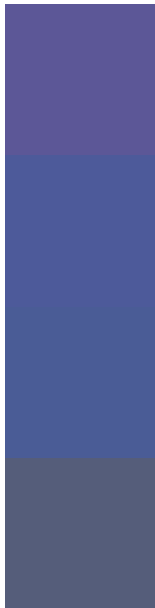
91.8870, 28.1567, -24.4569



Tritanopia

93.1280, 5.8529, -10.6363

Trichromacy



Original Color

95.7910, 27.2180, -3.3247

Protanomaly

93.4090, 29.8714, -14.3907

Deuteranomaly

93.2300, 27.9876, -16.8647

Tritanomaly

93.9140, 13.8464, -7.8176

Monochromacy



Original Color

95.7910, 27.2180, -3.3247

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2200, 9.7515, -1.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7910, 27.2180, -3.3247 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(92, 87, 151)` looks like.

```
.text, #text, p{  
    color:rgb(92, 87, 151)  
}
```

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(92, 87, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 87, 151) }
```

Border

The CSS property to change the border of an element to YUV 95.7910, 27.2180, -3.3247 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(92, 87, 151) }
```


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

```
.border{ border-color:rgb(92, 87, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 87, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 87, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 87, 151);  
box-shadow:4px 4px 4px 4px rgb(92, 87,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 95.7910, 27.2180, -3.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 87, 151) }
```

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

```
.background{ background-color: rgb(92, 87,  
151) }
```

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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