

Converting Colors

YUV(95.6110, 26.8138,
-13.6908)

Have a look what the booklet for
YUV(95.6110, 26.8138, -13.6908)
contains.

YUV(95.6110, 26.8138, -13.6908)	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(95.6110, 26.8138,
-13.6908)**

Conversions

Conversions Part 1

Format	Color
Hex	505D96
RGB	80, 93, 150
RGB Percent	31%, 36%, 59%
CMY	0.6863, 0.6353, 0.4118
CMYK	0.47, 0.38, 0.00, 0.41
HSL	229°, 30%, 45%
HSV	229°, 47%, 59%
XYZ	12.7276, 11.7362, 30.4487
YIQ	95.6110, -26.0450, 14.9710

Conversions

Conversions Part 2

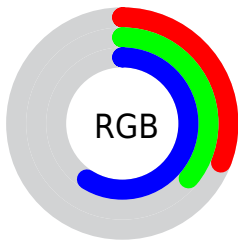
Format	Color
R_{YB}	80, 91, 150
Decimal	5266838
CIE _{Lab}	40.79, 11.00, -32.87
CIE _{LCh}	41, 34.660, 288.509
Yxy	11.7362, 0.2318, 0.2137
Android (android.graphics.Color)	4283456918 (0xFF505D96)
YUV	95.6110, 26.8138, -13.6908
Hunter-Lab	34.2581, 6.3649, -28.7163

Details

The YUV color **95.6110, 26.8138, -13.6908** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134.3890, -26.8138, 13.6908**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0780, 28.5555, -12.3464**, and **46.6490, 25.8090, -18.1092** is the 20% darker color. If you saturate the color by 10%, you get **84.0820, 32.4976, -16.7349**, and if you desaturate by 10%, it is **107.1400, 21.1300, -10.6468**.

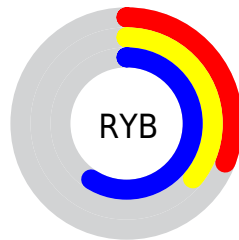
Distribution



Red (31%)

Green (36%)

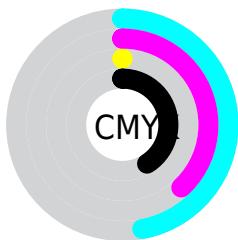
Blue (59%)



Red (31%)

Yellow (36%)

Blue (59%)

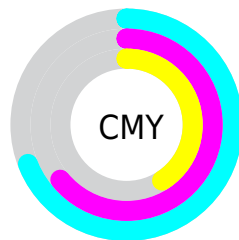


Cyan (47%)

Magenta (38%)

Yellow (0%)

Black (41%)



Cyan (69%)

Magenta (64%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6110, 26.8138, -13.6908 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 95.6110, 26.8138, -13.6908 by changing the saturation by 10% instead.

■ 95.6110, 26.8138,
-13.6908

■ 95.6110, 26.8138,
-13.6908

■ 255.0000, 0.0000,
0.0000

■ 71.3720, 25.9456,
-15.2352

■ 147.0780, 28.5555,
-12.3464

■ 46.6490, 25.8090,
-18.1092

■ 173.6050, 29.2817,
-11.9316

■ 24.3990, 24.9463,
-21.3979

■ 200.9210, 26.6609,
-11.3317

■ 5.9280, 22.7135,
-5.1989

■ 225.7290, 14.4306,
-8.5323

■ 4.5940, 12.5252,
-4.0289

■ 250.8360, 2.0529,
-5.1182

■ 0.0000, 0.0000,
0.0000

■ 95.6110, 26.8138,
-13.6908

■ 95.6110, 26.8138,
-13.6908

■ 84.0820, 32.4976,
-16.7349

■ 107.1400, 21.1300,
-10.6468

■ 72.5530, 38.1814,
-19.7790

■ 118.6690, 15.4462,
-7.6027

■ 60.4370, 44.1546,
-22.3082

■ 130.7850, 9.4730,
-5.0734

■ 48.9080, 49.8384,
-25.3523

■ 142.3140, 3.7892,
-2.0294

■ 37.3790, 55.5222,
-28.3964

■ 153.8430, -1.8946,
1.0147


■ 33.5360, 57.4168,
-29.4111

■ 165.3720, -7.5784,
4.0588

■ 177.4880,
-13.5516, 6.5880

■ 189.0170,

-19.2354, 9.6321

 200.5460,
-24.9192, 12.6762

Harmonies

Analogous

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



77.2020, 36.8754, -67.7062



95.6110, 26.8138, -13.6908



99.2900, 17.1120, 18.1627

Triad

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



95.6110, 26.8138, -13.6908



95.3890, -19.9118, 40.0008



74.1460, 4.8580, -65.0260

Complementary

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



95.6110, 26.8138, -13.6908



134.3890, -26.8138, 13.6908

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.



87.5570, -15.0646, -21.5365



95.6110, 26.8138, -13.6908



94.3410, -27.2831, 24.2569

Square

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



95.6110, 26.8138, -13.6908



96.5220, -8.1453, 46.0232



91.9640, -25.6183, 3.5396



77.4520, 17.5252, -67.9254

Rectangle

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



95.6110, 26.8138, -13.6908



98.4400, 9.6431, 33.8171



91.9640, -25.6183, 3.5396



81.9870, -3.9376, -43.8386

Sweetspot

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



95.6110, 26.8138, -13.6908



173.0130, 10.3466, -5.2734



127.4740, 4.2033, -41.6347



83.6990, 6.5574, -3.2440



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



95.6110, 26.8138, -13.6908



109.1660, 41.8232, -21.1936



94.2590, 27.4803, 5.9119



68.3850, 2.7682, -1.2146



30.9940, 52.7540, -27.1817



2.3140, 3.7892, -2.0294

Inverse Universe

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



102.4120, -4.6401, 41.7347



119.8710, -7.3314, 65.0111



135.7410, -27.4803, -5.9119



69.2070, -0.5951, 4.2035



44.2260, -8.9854, 82.2398



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 95.6110, 26.8138, -13.6908 looks on a white background.

Color Contrast Check

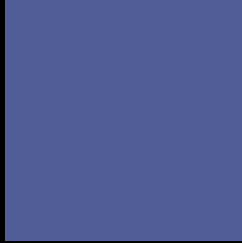
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.6110, 26.8138, -13.6908 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

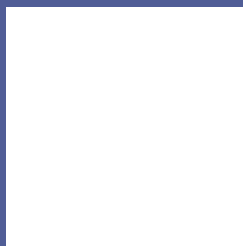
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.6110, 26.8138, -13.6908

Background



This preview shows how black text looks on a background with the YUV color 95.6110, 26.8138, -13.6908.



This preview shows how white text looks on a background with the YUV color 95.6110, 26.8138,

-13.6908.

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

95.6110, 26.8138, -13.6908

Protanopia

94.8170, 27.6982, -17.3795

Deuteranopia

93.6700, 27.2777, -22.5126



Tritanopia

92.1590, 8.7956, -21.1874

Trichromacy



Original Color

95.6110, 26.8138, -13.6908

Protanomaly

95.4150, 27.4034, -16.1500

Deuteranomaly

94.2790, 26.9775, -19.5387

Tritanomaly

93.3040, 15.6261, -18.6836

Monochromacy



Original Color

95.6110, 26.8138, -13.6908

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8990, 9.9098, -5.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6110, 26.8138, -13.6908 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(80, 93, 150)` looks like.

```
.text, #text, p{  
    color:rgb(80, 93, 150)  
}
```

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(80, 93, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 93, 150) }
```

Border

The CSS property to change the border of an element to YUV 95.6110, 26.8138, -13.6908 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(80, 93, 150) }
```


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

```
.border{ border-color:rgb(80, 93, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 93, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 93, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 93, 150);  
box-shadow:4px 4px 4px 4px rgb(80, 93,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 95.6110, 26.8138, -13.6908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 93, 150) }
```

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

```
.background{ background-color: rgb(80, 93,  
150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor