

Converting Colors

YUV(113.6780, -1.8133,
-25.1506)

Have a look what the booklet for
YUV(113.6780, -1.8133, -25.1506)
contains.

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Color

**YUV(113.6780, -1.8133,
-25.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	55816E
RGB	85, 129, 110
RGB Percent	33%, 51%, 43%
CMY	0.6667, 0.4941, 0.5686
CMYK	0.34, 0.00, 0.15, 0.49
HSL	154°, 21%, 42%
HSV	154°, 34%, 51%
XYZ	14.4110, 18.7576, 17.6129
YIQ	113.6780, -20.1250, -15.2370

Conversions

Conversions Part 2

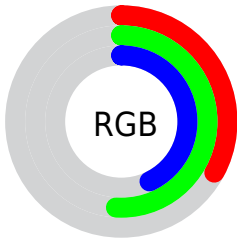
Format	Color
RYB	85, 113, 129
Decimal	5603694
CIELab	50.40, -19.60, 5.51
CIELCh	50, 20.360, 164.288
Yxy	18.7576, 0.2838, 0.3694
Android (android.graphics.Color)	4283793774 (0xFF55816E)
YUV	113.6780, -1.8133, -25.1506
Hunter-Lab	43.3100, -16.3982, 6.2056

Details

The YUV color **113.6780, -1.8133, -25.1506** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **100.3220, 1.8133, 25.1506**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9660, -1.9552, -26.2802**, and **64.5040, -1.2345, -24.1210** is the 20% darker color. If you saturate the color by 10%, you get **109.1070, -2.5178, -32.5428**, and if you desaturate by 10%, it is **118.2490, -1.1088, -17.7584**.

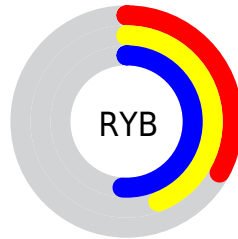
Distribution



Red (33%)

Green (51%)

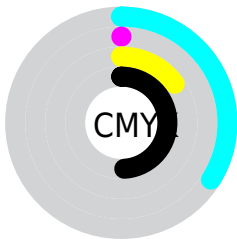
Blue (43%)



Red (33%)

Yellow (44%)

Blue (51%)

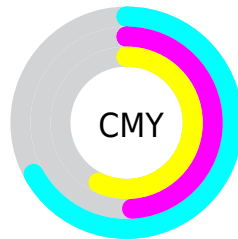


Cyan (34%)

Magenta (0%)

Yellow (15%)

Black (49%)



Cyan (67%)

Magenta (49%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.6780, -1.8133, -25.1506 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 113.6780, -1.8133, -25.1506 by changing the saturation by 10% instead.

■ 113.6780, -1.8133,
-25.1506

■ 113.6780, -1.8133,
-25.1506

■ 255.0000, 0.0000,
0.0000

■ 89.0910, -1.5239,
-24.6358

■ 165.9660, -1.9552,
-26.2802

■ 64.5040, -1.2345,
-24.1210

■ 193.5530, -2.2446,
-26.7950

■ 41.1340, -0.0661,
-25.5505

■ 221.1400, -2.5340,
-27.3098

■ 22.8250, -1.3927,
-20.0175

■ 242.7970, 1.0861,
-21.7470

■ 1.7610, -0.8682,
-1.5444

■ 252.6080, 1.1793,
-4.9182

■ 0.0000, 0.0000,
0.0000

■ 113.6780, -1.8133,
-25.1506

■ 113.6780, -1.8133,
-25.1506

■ 109.1070, -2.5178,
-32.5428

■ 118.2490, -1.1088,
-17.7584

■ 104.6500, -2.7855,
-40.0351

■ 122.7060, -0.8411,
-10.2662

■ 100.0790, -3.4899,
-47.4273

■ 127.2770, -0.1366,
-2.8739

■ 95.6220, -3.7576,
-54.9195

■ 131.7340, 0.1311,
4.6183

■ 91.0510, -4.4621,
-62.3117

■ 136.3050, 0.8356,
12.0105

■ 86.8930, -4.8772,
-69.1892

■ 140.4630, 1.2507,
18.8879

■ 84.0450, -5.4452,
-73.7075

■ 145.0340, 1.9552,
26.2802

■ 149.6050, 2.6597,

33.6724

■ 154.0620, 2.9274,
41.1646

Harmonies

Analogous

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



115.8880, -10.2978, -10.4258



113.6780, -1.8133, -25.1506



112.1310, 7.8234, -36.0719

Triad

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



113.6780, -1.8133, -25.1506



120.1850, 16.1778, -8.9322



121.0760, -11.8695, 27.1203

Complementary

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



113.6780, -1.8133, -25.1506



100.3220, 1.8133, 25.1506

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.



121.9220, -4.8915, 29.0094



113.6780, -1.8133, -25.1506



122.6280, 11.0294, 9.0962

Square

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



113.6780, -1.8133, -25.1506



115.9440, 18.2686, -26.2609



122.7670, 3.5659, 23.0063



120.1690, -16.3523, 18.2688

Rectangle

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



113.6780, -1.8133, -25.1506



111.9010, 13.3598, -38.5012



122.7670, 3.5659, 23.0063



121.5430, -10.1277, 28.4648

Sweetspot

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



113.6780, -1.8133, -25.1506



162.1190, -0.5517, -9.7514



116.5090, -15.5339, -10.9704



80.5540, -0.2731, -5.7479



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.



113.6780, -1.8133, -25.1506



144.0630, -2.4961, -39.5203



114.0830, 7.3541, -25.5058



61.5650, -0.2785, -4.0035



83.3440, -5.5926, -73.0927



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.3220, 1.8133, 25.1506



123.0510, 2.9329, 39.4203



99.9170, -7.3541, 25.5058



59.4350, 0.2785, 4.0035



44.5420, 5.1558, 73.1927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.6780, -1.8133, -25.1506 looks on a white 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

Black Background



This preview shows how the YUV color 113.6780, -1.8133, -25.1506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

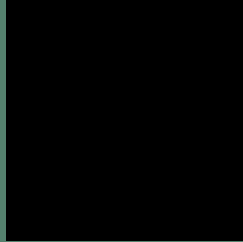
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.6780, -1.8133, -25.1506

Background



This preview shows how black text looks on a background with the YUV color 113.6780, -1.8133, -25.1506.



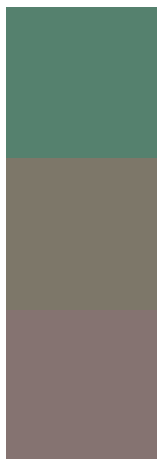
This preview shows how white text looks on a background with the YUV color 113.6780, -1.8133, -25.1506.

-25.1506.

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

113.6780, -1.8133, -25.1506

Protanopia

119.1980, -6.9996, 5.0884

Deuteranopia

120.1540, -3.5269, 11.2659



Tritanopia

115.9740, 9.3798, -21.9022

Trichromacy



Original Color

113.6780, -1.8133, -25.1506

Protanomaly

117.2890, -5.0725, -6.3925

Deuteranomaly

117.8920, -2.9048, -1.6593

Tritanomaly

114.9370, 5.4541, -22.7467

Monochromacy



Original Color

113.6780, -1.8133, -25.1506

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.5320, -0.2623, -9.2366

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6780, -1.8133, -25.1506 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(85, 129, 110)` looks like.

```
.text, #text, p{  
    color:rgb(85, 129, 110)  
}
```

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(85, 129, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 129, 110) }
```

Border

The CSS property to change the border of an element to YUV 113.6780, -1.8133, -25.1506 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(85, 129, 110) }
```


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

```
.border{ border-color:rgb(85, 129, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 129, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 129, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 129, 110);  
box-shadow:4px 4px 4px 4px rgb(85, 129,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 113.6780, -1.8133, -25.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 129, 110) }
```

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

```
.background{ background-color: rgb(85, 129,  
110) }
```

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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