

Converting Colors

YUV(85.5820, 3.6571, -53.1304)

Have a look what the booklet for
YUV(85.5820, 3.6571, -53.1304)
contains.

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Color

**YUV(85.5820, 3.6571,
-53.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	19735D
RGB	25, 115, 93
RGB Percent	10%, 45%, 36%
CMY	0.9020, 0.5490, 0.6353
CMYK	0.78, 0.00, 0.19, 0.55
HSL	165°, 64%, 27%
HSV	165°, 78%, 45%
XYZ	8.5074, 13.2585, 12.4667
YIQ	85.5820, -46.5780, -25.9220

Conversions

Conversions Part 2

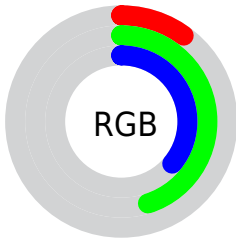
Format	Color
R_{YB}	25, 76, 115
Decimal	1667933
CIE _{Lab}	43.15, -31.30, 4.87
CIE _{LCh}	43, 31.673, 171.162
Yxy	13.2585, 0.2485, 0.3873
Android (android.graphics.Color)	4279858013 (0xFF19735D)
YUV	85.5820, 3.6571, -53.1304
Hunter-Lab	36.4122, -22.0161, 5.1890

Details

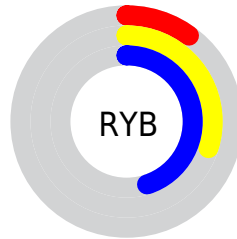
The YUV color **85.5820, 3.6571, -53.1304** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **54.4180, -3.6571, 53.1304**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3330, 1.3148, -48.5270**, and **44.1000, 1.4297, -38.6757** is the 20% darker color. If you saturate the color by 10%, you get **81.6520, 4.1156, -60.2078**, and if you desaturate by 10%, it is **89.5120, 3.1986, -46.0530**.

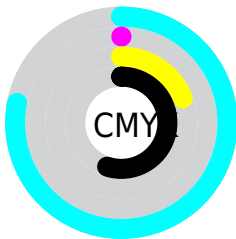
Distribution



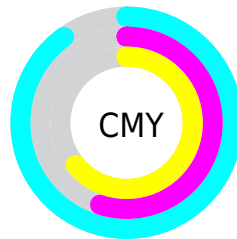
- Red (10%)
- Green (45%)
- Blue (36%)



- Red (10%)
- Yellow (30%)
- Blue (45%)



- Cyan (78%)
- Magenta (0%)
- Yellow (19%)
- Black (55%)



- Cyan (90%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5820, 3.6571, -53.1304 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 85.5820, 3.6571, -53.1304 by changing the saturation by 10% instead.

85.5820, 3.6571,
-53.1304

85.5820, 3.6571,
-53.1304

255.0000, 0.0000,
0.0000

60.6960, 4.0939,
-53.2304

140.3330, 1.3148,
-48.5270

44.1000, 1.4297,
-38.6757

167.3330, 1.3148,
-48.5270

28.2050, -1.0871,
-24.7358

195.2190, 0.8780,
-48.4271

11.1530, -5.4984,
-9.7812

223.5070, 0.7360,
-49.5566

0.0000, 0.0000,
0.0000

237.2450, 8.2602,
-36.1719

246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 85.5820, 3.6571,
-53.1304

■ 85.5820, 3.6571,
-53.1304

■ 81.6520, 4.1156,
-60.2078

■ 89.5120, 3.1986,
-46.0530

■ 78.0210, 4.4266,
-66.6704

■ 93.1430, 2.8875,
-39.5904

■ 77.4230, 4.7215,
-67.9000

■ 96.9590, 1.9922,
-32.4130

■ 100.5900, 1.6811,
-25.9504

■ 104.5200, 1.2226,
-18.8730

■ 108.1510, 0.9116,
-12.4104

■ 112.0810, 0.4531,
-5.3330

■ 115.5980, -0.2948,
1.2296

■ 119.5280, -0.7533,
8.3069

Harmonies

Analogous

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



94.1270, -12.8806, -22.0364



85.5820, 3.6571, -53.1304



81.1850, 19.1358, -71.1992

Triad

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



85.5820, 3.6571, -53.1304



102.2480, 24.0347, -8.9875



101.4810, -19.4641, 36.4122

Complementary

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



85.5820, 3.6571, -53.1304



54.4180, -3.6571, 53.1304

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.



102.5710, -9.1555, 43.3492



85.5820, 3.6571, -53.1304



105.0190, 14.7806, 19.2773

Square

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



85.5820, 3.6571, -53.1304



92.2110, 29.9690, -45.7890



104.1540, 3.3751, 37.5759



100.4870, -25.3831, 21.4979

Rectangle

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



85.5820, 3.6571, -53.1304



82.4220, 26.4140, -72.2841



104.1540, 3.3751, 37.5759



102.3010, -16.4174, 39.2010

Sweetspot

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



85.5820, 3.6571, -53.1304



138.9220, 1.5175, -20.1026



84.4080, -29.2881, -32.8068



69.7380, 0.6222, -12.9252



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



85.5820, 3.6571, -53.1304



103.9650, 5.9333, -83.2843



75.1760, 19.6332, -44.0044



56.9780, 0.0108, -3.4887



82.1020, 4.8797, -72.0035



168.2960, 10.2071, -147.5956

Inverse Universe

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



54.4180, -3.6571, 53.1304



55.1490, -5.4965, 83.1843



64.8240, -19.6332, 44.0044



54.9080, -0.4476, 3.5887



39.8980, -4.8797, 72.0035



81.7040, -10.2071, 147.5956

Previews

White Background



This preview shows how the YUV color 85.5820, 3.6571, -53.1304 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 85.5820, 3.6571, -53.1304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

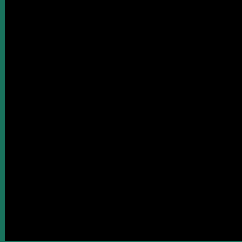
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5820, 3.6571, -53.1304

Background



This preview shows how black text looks on a background with the YUV color 85.5820, 3.6571, -53.1304.



This preview shows how white text looks on a background with the YUV color 85.5820, 3.6571, -53.1304.

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

85.5820, 3.6571, -53.1304

Protanopia

101.0840, -7.4364, 5.1883

Deuteranopia

102.3710, -2.6479, 9.3216



Tritanopia

91.0960, 14.2497, -43.9342

Trichromacy



Original Color

85.5820, 3.6571, -53.1304

Protanomaly

95.3910, -3.1508, -16.1289

Deuteranomaly

96.2110, -0.1040, -13.3400

Tritanomaly

88.7490, 10.4767, -47.1379

Monochromacy



Original Color

85.5820, 3.6571, -53.1304

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2210, 1.3700, -19.4878

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5820, 3.6571, -53.1304 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(25, 115, 93)` looks like.

```
.text, #text, p{  
    color:rgb(25, 115, 93)  
}
```

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(25, 115, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 115, 93) }
```

Border

The CSS property to change the border of an element to YUV 85.5820, 3.6571, -53.1304 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(25, 115, 93) }
```


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

```
.border{ border-color:rgb(25, 115, 93) }
```

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

Here you see how a box with a 4 pixel rgb(25, 115, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 115, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 115, 93);  
box-shadow:4px 4px 4px 4px rgb(25, 115,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 85.5820, 3.6571, -53.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 115, 93) }
```

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

```
.background{ background-color: rgb(25, 115,  
93) }
```

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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