

Converting Colors

YUV(84.9240, 4.9675, -53.4303)

Have a look what the booklet for
YUV(84.9240, 4.9675, -53.4303)
contains.

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Color

**YUV(84.9240, 4.9675,
-53.4303)**

Conversions

Conversions Part 1

Format	Color
Hex	18725F
RGB	24, 114, 95
RGB Percent	9%, 45%, 37%
CMY	0.9059, 0.5529, 0.6275
CMYK	0.79, 0.00, 0.17, 0.55
HSL	167°, 65%, 27%
HSV	167°, 79%, 45%
XYZ	8.4596, 13.0550, 12.9005
YIQ	84.9240, -47.5410, -24.9890

Conversions

Conversions Part 2

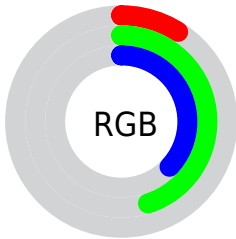
Format	Color
RYB	24, 74, 114
Decimal	1602143
CIELab	42.85, -30.41, 3.23
CIElCh	43, 30.577, 173.939
Yxy	13.0550, 0.2458, 0.3793
Android (android.graphics.Color)	4279792223 (0xFF18725F)
YUV	84.9240, 4.9675, -53.4303
Hunter-Lab	36.1318, -21.4382, 4.1233

Details

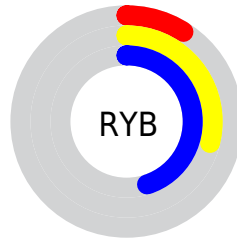
The YUV color **84.9240, 4.9675, -53.4303** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **53.0760, -4.9675, 53.4303**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6750, 2.6252, -48.8270**, and **43.7410, 2.5927, -38.3609** is the 20% darker color. If you saturate the color by 10%, you get **81.4070, 5.7153, -59.9929**, and if you desaturate by 10%, it is **88.4410, 4.2196, -46.8678**.

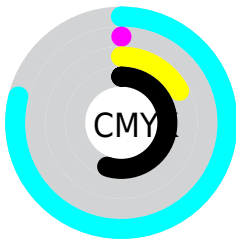
Distribution



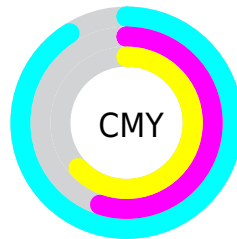
- Red (9%)
- Green (45%)
- Blue (37%)



- Red (9%)
- Yellow (29%)
- Blue (45%)



- Cyan (79%)
- Magenta (0%)
- Yellow (17%)
- Black (55%)



- Cyan (91%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9240, 4.9675, -53.4303 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 84.9240, 4.9675, -53.4303 by changing the saturation by 10% instead.

84.9240, 4.9675,
-53.4303

84.9240, 4.9675,
-53.4303

255.0000, 0.0000,
0.0000

60.3370, 5.2569,
-52.9155

139.6750, 2.6252,
-48.8270

43.7410, 2.5927,
-38.3609

166.6750, 2.6252,
-48.8270

27.8460, 0.0759,
-24.4209

194.5610, 2.1884,
-48.7270

10.7940, -4.3354,
-9.4663

223.1480, 1.8990,
-49.2418

0.0000, 0.0000,
0.0000

237.0600, 8.8444,
-36.8866

245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 84.9240, 4.9675,
-53.4303

■ 84.9240, 4.9675,
-53.4303

■ 81.4070, 5.7153,
-59.9929

■ 88.4410, 4.2196,
-46.8678

■ 77.4770, 6.1738,
-67.0703

■ 92.3710, 3.7611,
-39.7904

■ 77.1780, 6.3212,
-67.6851

■ 95.8880, 3.0132,
-33.2278

■ 99.8180, 2.5547,
-26.1504

■ 103.3350, 1.8068,
-19.5878

■ 106.8520, 1.0590,
-13.0252

■ 110.7820, 0.6005,
-5.9478

■ 114.2990, -0.1474,
0.6148

■ 118.2290, -0.6059,
7.6922

Harmonies

Analogous

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



93.1700, -11.4228, -22.9511



84.9240, 4.9675, -53.4303



80.7120, 19.8620, -70.7844

Triad

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



84.9240, 4.9675, -53.4303



102.4010, 21.9873, -5.6137



101.0570, -19.7481, 34.1530

Complementary

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



84.9240, 4.9675, -53.4303



53.0760, -4.9675, 53.4303

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.



102.0330, -9.8763, 41.1901



84.9240, 4.9675, -53.4303



104.2750, 13.1754, 20.8068

Square

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



84.9240, 4.9675, -53.4303



93.5000, 28.3475, -39.0265



103.3990, 1.7753, 37.3611



99.4050, -24.3567, 18.9388

Rectangle

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



84.9240, 4.9675, -53.4303



81.7210, 26.2665, -71.6693



103.3990, 1.7753, 37.3611



101.1760, -16.8488, 37.5566

Sweetspot

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



84.9240, 4.9675, -53.4303



136.3240, 1.8123, -21.3321



82.8100, -28.9933, -34.0364



67.1510, 0.9116, -12.4104



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



84.9240, 4.9675, -53.4303



102.4210, 7.6804, -83.6842



71.8280, 20.7908, -41.9452



54.0920, 0.4476, -3.5887



81.2700, 6.7689, -71.2738



167.2190, 13.6960, -146.6511

Inverse Universe

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



53.0760, -4.9675, 53.4303



52.5790, -7.6804, 83.6842



66.1720, -20.7908, 41.9452



52.0220, -0.0108, 3.4887



38.7300, -6.7689, 71.2738



79.7810, -13.6960, 146.6511

Previews

White Background



This preview shows how the YUV color 84.9240, 4.9675, -53.4303 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 84.9240, 4.9675, -53.4303 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 84.9240, 4.9675, -53.4303

Background



This preview shows how black text looks on a background with the YUV color 84.9240, 4.9675, -53.4303.



This preview shows how white text looks on a background with the YUV color 84.9240, 4.9675, -53.4303.

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

84.9240, 4.9675, -53.4303

Protanopia

100.1270, -5.9786, 4.2736

Deuteranopia

101.4140, -1.1901, 8.4069



Tritanopia

90.4980, 14.5445, -45.1637

Trichromacy



Original Color

84.9240, 4.9675, -53.4303

Protanomaly

94.7330, -1.8404, -16.4288

Deuteranomaly

95.2540, 1.3538, -14.2548

Tritanomaly

88.5640, 11.0609, -47.8526

Monochromacy



Original Color

84.9240, 4.9675, -53.4303

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3350, 1.8068, -19.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9240, 4.9675, -53.4303 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(24, 114, 95)` looks like.

```
.text, #text, p{  
    color:rgb(24, 114, 95)  
}
```

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(24, 114, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 114, 95) }
```

Border

The CSS property to change the border of an element to YUV 84.9240, 4.9675, -53.4303 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(24, 114, 95) }
```


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

```
.border{ border-color:rgb(24, 114, 95) }
```

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

Here you see how a box with a 4 pixel rgb(24, 114, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 114, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 114, 95);  
box-shadow:4px 4px 4px 4px rgb(24, 114,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 84.9240, 4.9675, -53.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 114, 95) }
```

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

```
.background{ background-color: rgb(24, 114,  
95) }
```

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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