

Converting Colors

YUV(84.6000, -20.0158,
26.6608)

Have a look what the booklet for
YUV(84.6000, -20.0158, 26.6608)
contains.

YUV(84.6000, -20.0158, 26.6608)	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(84.6000, -20.0158,
26.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	734D2C
RGB	115, 77, 44
RGB Percent	45%, 30%, 17%
CMY	0.5490, 0.6980, 0.8275
CMYK	0.00, 0.33, 0.62, 0.55
HSL	28°, 45%, 31%
HSV	28°, 62%, 45%
XYZ	10.1787, 9.1344, 3.6095
YIQ	84.6000, 33.2410, -2.2070

Conversions

Conversions Part 2

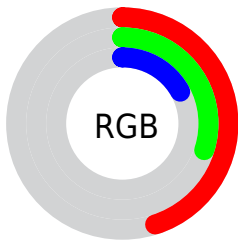
Format	Color
R_{YB}	115, 106, 44
Decimal	7556396
CIE _{Lab}	36.24, 12.26, 25.82
CIE _{LCh}	36, 28.587, 64.604
Yxy	9.1344, 0.4440, 0.3985
Android (android.graphics.Color)	4285746476 (0xFF734D2C)
YUV	84.6000, -20.0158, 26.6608
Hunter-Lab	30.2232, 7.2254, 14.0753

Details

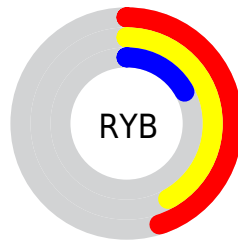
The YUV color **84.6000, -20.0158, 26.6608** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **74.4000, 20.0158, -26.6608**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8670, -21.6264, 29.9346**, and **38.5070, -18.9840, 22.3574** is the 20% darker color. If you saturate the color by 10%, you get **79.8240, -23.0842, 30.8494**, and if you desaturate by 10%, it is **89.4900, -16.5106, 22.3723**.

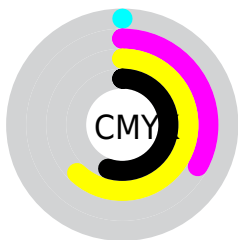
Distribution



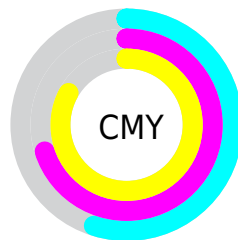
- Red (45%)
- Green (30%)
- Blue (17%)



- Red (45%)
- Yellow (42%)
- Blue (17%)



- Cyan (0%)
- Magenta (33%)
- Yellow (62%)
- Black (55%)



- Cyan (55%)
- Magenta (70%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.6000, -20.0158, 26.6608 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 84.6000, -20.0158, 26.6608 by changing the saturation by 10% instead.

■ 84.6000, -20.0158,
26.6608

■ 84.6000, -20.0158,
26.6608

■ 255.0000, 0.0000,
0.0000

■ 60.8170, -19.1368,
24.7165

■ 134.8670,
-21.6264, 29.9346

■ 38.5070, -18.9840,
22.3574

■ 161.5360,
-22.9422, 31.9789

■ 18.7050, -9.2216,
17.7987

■ 188.7210,
-23.5265, 32.6937

■ 0.0000, 0.0000,
0.0000

■ 216.3190,
-23.8213, 33.9232

■ 235.8330,
-20.1307, 16.8095

■ 251.3520,

-13.9775, 3.1993

254.6580, -1.3104,
0.2999

■ 84.6000, -20.0158,
26.6608

■ 84.6000, -20.0158,
26.6608

■ 79.8240, -23.0842,
30.8494

■ 89.4900, -16.5106,
22.3723

■ 74.9340, -26.5895,
35.1379

■ 94.2660, -13.4421,
18.1837

■ 70.0440, -30.0947,
39.4264

■ 99.1560, -9.9369,
13.8952

■ 65.4960, -32.2895,
43.4150

■ 104.5190, -7.1579,
9.1918

■ 109.4090, -3.6526,
4.9033

■ 114.1850, -0.5842,
0.7148

■ 119.0750, 2.9210,
-3.5738

■ 123.8510, 5.9895,
-7.7623

■ 128.6270, 9.0579,
-11.9509

Harmonies

Analogous

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



85.3160, -12.4808, 36.5569



84.6000, -20.0158, 26.6608



82.9310, -22.1510, 11.4615

Triad

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



84.6000, -20.0158, 26.6608



66.9710, 10.3673, -58.7336



87.3160, 17.5922, 4.1079

Complementary

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



84.6000, -20.0158, 26.6608



74.4000, 20.0158, -26.6608

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.



81.5620, 24.3729, -24.1719



84.6000, -20.0158, 26.6608



69.0060, 20.7030, -60.5183

Square

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



84.6000, -20.0158, 26.6608



75.7330, -5.2914, -29.5838



68.9550, 28.1232, -60.4735



88.0430, 8.3598, 25.3953

Rectangle

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



84.6000, -20.0158, 26.6608



81.5380, -19.4922, -1.3488



68.9550, 28.1232, -60.4735



86.2440, 20.0927, -4.5990

Sweetspot

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



84.6000, -20.0158, 26.6608



138.0030, -7.8895, 10.5214



69.6750, 6.5692, 39.7500



69.0780, -4.9685, 6.9476



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.



84.6000, -20.0158, 26.6608



102.7130, -31.4105, 41.4707



104.5580, -29.8551, 9.1576



56.5550, -1.7526, 2.1443



69.9370, -34.4789, 45.6593



142.8420, -70.4211, 93.9776

Inverse Universe

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



74.4000, 20.0158, -26.6608



86.8740, 31.1211, -41.9855



54.4420, 29.8551, -9.1576



55.4450, 1.7526, -2.1443



52.6500, 34.1895, -46.1741



107.1580, 70.4211, -93.9776

Previews

White Background



This preview shows how the YUV color 84.6000, -20.0158, 26.6608 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 ✓ Pass

Black Background



This preview shows how the YUV color 84.6000, -20.0158, 26.6608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

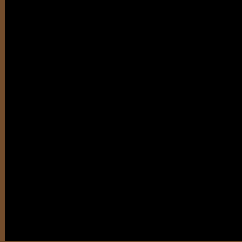
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.6000, -20.0158, 26.6608

Background



This preview shows how black text looks on a background with the YUV color 84.6000, -20.0158, 26.6608.



This preview shows how white text looks on a background with the YUV color 84.6000, -20.0158,

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

84.6000, -20.0158, 26.6608

Protanopia

83.9460, -18.2144, 8.8174

Deuteranopia

84.4310, -20.4255, 18.0390



Tritanopia

86.7260, -4.3019, 26.5503

Trichromacy



Original Color

84.6000, -20.0158, 26.6608

Protanomaly

84.4630, -18.9623, 15.3799

Deuteranomaly

84.4530, -20.4363, 21.5277

Tritanomaly

85.6460, -9.6855, 26.6205

Monochromacy



Original Color

84.6000, -20.0158, 26.6608

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8180, -7.3053, 9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.6000, -20.0158, 26.6608 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(115, 77, 44)` looks like.

```
.text, #text, p{  
    color:rgb(115, 77, 44)  
}
```

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(115, 77, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 77, 44) }
```

Border

The CSS property to change the border of an element to YUV 84.6000, -20.0158, 26.6608 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(115, 77, 44) }
```


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

```
.border{ border-color:rgb(115, 77, 44) }
```

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

Here you see how a box with a 4 pixel rgb(115, 77, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 77, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 77, 44);  
box-shadow:4px 4px 4px 4px rgb(115, 77,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 84.6000, -20.0158, 26.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 77, 44) }
```

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

```
.background{ background-color: rgb(115, 77,  
44) }
```

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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