

Converting Colors

YUV(107.4200, -16.4761,
104.8717)

Have a look what the booklet for
YUV(107.4200, -16.4761, 104.8717)
contains.

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Color

**YUV(107.4200, -16.4761,
104.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	E3354A
RGB	227, 53, 74
RGB Percent	89%, 21%, 29%
CMY	0.1098, 0.7922, 0.7098
CMYK	0.00, 0.77, 0.67, 0.11
HSL	353°, 76%, 55%
HSV	353°, 77%, 89%
XYZ	34.1877, 19.3715, 8.4157
YIQ	107.4200, 96.9630, 43.4190

Conversions

Conversions Part 2

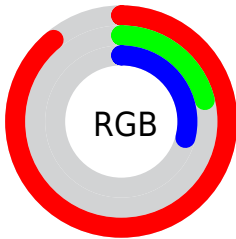
Format	Color
R_{YB}	227, 53, 74
Decimal	14890314
CIE _{Lab}	51.12, 66.28, 30.53
CIE _{LCh}	51, 72.974, 24.730
Yxy	19.3715, 0.5516, 0.3126
Android (android.graphics.Color)	4293080394 (0xFFE3354A)
YUV	107.4200, -16.4761, 104.8717
Hunter-Lab	44.0131, 61.6291, 19.4723

Details

The YUV color **107.4200, -16.4761, 104.8717** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **172.5800, 16.4761, -104.8717**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1850, -16.8532, 85.7838**, and **52.5700, -10.6340, 97.7241** is the 20% darker color. If you saturate the color by 10%, you get **91.6390, -18.5560, 118.7116**, and if you desaturate by 10%, it is **123.2010, -14.3961, 91.0317**.

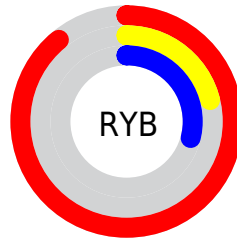
Distribution



Red (89%)

Green (21%)

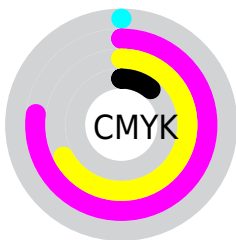
Blue (29%)



Red (89%)

Yellow (21%)

Blue (29%)

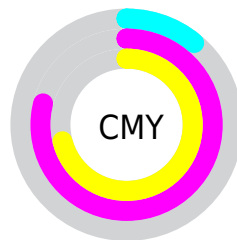


Cyan (0%)

Magenta (77%)

Yellow (67%)

Black (11%)



Cyan (11%)


Magenta (79%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.4200, -16.4761, 104.8717 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 107.4200, -16.4761, 104.8717 by changing the saturation by 10% instead.


 107.4200,
-16.4761, 104.8717

 107.4200,
-16.4761, 104.8717


255.0000, 0.0000,
0.0000


 65.8800, -7.3358,
113.2382


 157.1850,
-16.8532, 85.7838

 52.5700, -10.6340,
97.7241


 177.0580,
-14.3256, 68.3551


 40.6790, -16.1107,
80.9655


 197.1590,
-10.9244, 50.7266

 30.4980, -15.0355,
62.7073

 217.2600, -7.5232,
33.0980

 22.1690, -9.4503,
44.5788

 238.1760, -3.5378,
14.7546

 12.3730, -5.6069,
25.1059

 0.0000, 0.0000,

0.0000

■ 107.4200,
-16.4761, 104.8717

■ 107.4200,
-16.4761, 104.8717

■ 91.6390, -18.5560,
118.7116

■ 123.2010,
-14.3961, 91.0317

■ 76.4450, -20.9254,
132.0367

■ 138.3950,
-12.0267, 77.7066

■ 70.9510, -21.6678,
136.8550

■ 154.1760, -9.9468,
63.8666

■ 169.9570, -7.8668,
50.0267

■ 185.7380, -5.7868,
36.1868

■ 200.9320, -3.4175,
22.8616

■ 216.7130, -1.3375,
9.0217

■ 232.4940, 0.7425,
-4.8182

■ 246.5140, 3.6906,
-17.1138

Harmonies

Analogous

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



107.7210, 13.9415, 101.9767



107.4200, -16.4761, 104.8717



111.9230, -53.2060, 78.9975

Triad

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



107.4200, -16.4761, 104.8717



88.7290, -23.0374, -77.8153



106.2290, 69.4001, -93.1628

Complementary

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



107.4200, -16.4761, 104.8717



172.5800, 16.4761, -104.8717

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.



110.6510, 55.8811, -97.0409



107.4200, -16.4761, 104.8717



99.1880, 4.3443, -86.9879

Square

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



107.4200, -16.4761, 104.8717



107.3730, -52.9349, -8.2201



107.1850, 32.4468, -94.0012



118.0850, 58.1321, -25.5075

Rectangle

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



107.4200, -16.4761, 104.8717



114.5360, -56.4662, 51.2729



107.1850, 32.4468, -94.0012



108.7080, 66.2060, -95.3369

Sweetspot

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



107.4200, -16.4761, 104.8717



214.4390, -5.6394, 35.5720



117.9850, 53.7444, 75.4352



103.2200, -3.5595, 21.7321



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



107.4200, -16.4761, 104.8717



93.5710, -21.9735, 141.5732



142.5940, -44.1698, 74.0241



106.8160, -0.8953, 7.1774



56.0290, -16.7763, 107.8456



15.9330, -4.8970, 30.7538

Inverse Universe

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



107.4200, -16.4761, 104.8717



93.5710, -21.9735, 141.5732



137.4060, 44.1698, -74.0241



106.8160, -0.8953, 7.1774



56.0290, -16.7763, 107.8456



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 107.4200, -16.4761, 104.8717 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 107.4200, -16.4761, 104.8717 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 107.4200, -16.4761, 104.8717 Background



This preview shows how black text looks on a background with the YUV color 107.4200, -16.4761, 104.8717.



This preview shows how white text looks on a background with the YUV color 107.4200, -16.4761, 104.8717.

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

107.4200, -16.4761, 104.8717

Protanopia

121.6990, -10.2046, 6.4030

Deuteranopia

120.9390, -27.5779, 25.4865



Tritanopia

107.0580, -24.1856, 104.3121

Trichromacy



Original Color

107.4200, -16.4761, 104.8717

Protanomaly

116.6480, -12.6445, 42.4047

Deuteranomaly

116.1520, -23.7389, 54.2407

Tritanomaly

107.1550, -21.2754, 104.2271

Monochromacy



Original Color

107.4200, -16.4761, 104.8717

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0480, -5.9397, 38.5459

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4200, -16.4761, 104.8717 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(227, 53, 74)` looks like.

```
.text, #text, p{  
    color:rgb(227, 53, 74)  
}
```

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(227, 53, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 53, 74) }
```

Border

The CSS property to change the border of an element to YUV 107.4200, -16.4761, 104.8717 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(227, 53, 74) }
```


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

```
.border{ border-color:rgb(227, 53, 74) }
```

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

Here you see how a box with a 4 pixel rgb(227, 53, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 53, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 53, 74);  
box-shadow:4px 4px 4px 4px rgb(227, 53,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 107.4200, -16.4761, 104.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 53, 74) }
```

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

```
.background{ background-color: rgb(227, 53,  
74) }
```

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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