

Converting Colors

YUV(116.0170, -19.2354,
9.6321)

Have a look what the booklet for
YUV(116.0170, -19.2354, 9.6321)
contains.

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Color

**YUV(116.0170, -19.2354,
9.6321)**

Conversions

Conversions Part 1

Format	Color
Hex	7F764D
RGB	127, 118, 77
RGB Percent	50%, 46%, 30%
CMY	0.5020, 0.5373, 0.6980
CMYK	0.00, 0.07, 0.39, 0.50
HSL	49°, 25%, 40%
HSV	49°, 39%, 50%
XYZ	16.5704, 18.0047, 9.6231
YIQ	116.0170, 18.5250, -10.8430

Conversions

Conversions Part 2

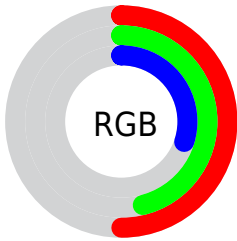
Format	Color
R_{YB}	88, 127, 77
Decimal	8353357
CIE Lab	49.50, -3.02, 23.85
CIE LCh	50, 24.037, 97.208
Yxy	18.0047, 0.3749, 0.4074
Android (android.graphics.Color)	4286543437 (0xFF7F764D)
YUV	116.0170, -19.2354, 9.6321
Hunter-Lab	42.4320, -4.5487, 16.2561

Details

The YUV color **116.0170, -19.2354, 9.6321** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **87.9830, 19.2354, -9.6321**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3870, -20.4038, 11.0616**, and **67.7610, -17.6302, 8.1026** is the 20% darker color. If you saturate the color by 10%, you get **113.3610, -24.3350, 11.9614**, and if you desaturate by 10%, it is **118.6730, -14.1358, 7.3028**.

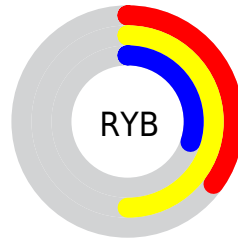
Distribution



Red (50%)

Green (46%)

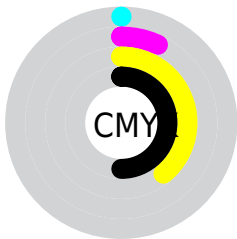
Blue (30%)



Red (35%)

Yellow (50%)

Blue (30%)

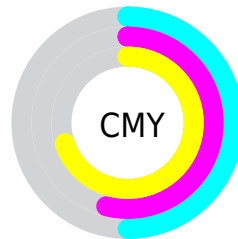


Cyan (0%)

Magenta (7%)

Yellow (39%)

Black (50%)



Cyan (50%)

Magenta (54%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0170, -19.2354, 9.6321 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 116.0170, -19.2354, 9.6321 by changing the saturation by 10% instead.

■ 116.0170,
-19.2354, 9.6321

■ 116.0170,
-19.2354, 9.6321

■ 255.0000, 0.0000,
0.0000

■ 90.9460, -18.2144,
8.8174

■ 168.3870,
-20.4038, 11.0616

■ 67.7610, -17.6302,
8.1026

■ 195.2730,
-20.8406, 11.1616

■ 45.0490, -17.7722,
6.9730

■ 223.3440,
-21.8616, 11.9763

■ 25.1180, -12.3832,
5.1585

■ 248.9410,
-20.6769, 5.3137

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,
1.9996

■ 116.0170,
-19.2354, 9.6321

■ 116.0170,
-19.2354, 9.6321

■ 113.3610,
-24.3350, 11.9614

■ 118.6730,
-14.1358, 7.3028

■ 110.2320,
-28.7084, 14.7055

■ 121.8020, -9.7624,
4.5586

■ 107.5760,
-33.8080, 17.0348

■ 124.4580, -4.6628,
2.2293

■ 104.9200,
-38.9076, 19.3642

■ 127.1140, 0.4368,
-0.1000

■ 102.3780,
-43.5704, 21.5935

■ 129.7700, 5.5364,
-2.4293

■ 99.1350, -48.3806,
24.4376

■ 132.8990, 9.9098,
-5.1734

■ 99.0210, -48.8174,
24.5376

■ 135.5550, 15.0094,
-7.5027

■ 138.2110, 20.1090,

-9.8320

■ 141.3400, 24.4824,
-12.5762

Harmonies

Analogous

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



117.7460, -18.1158, 23.9018



116.0170, -19.2354, 9.6321



113.8730, -14.2344, -7.7816

Triad

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



116.0170, -19.2354, 9.6321



106.2740, 17.6129, -49.3523



121.1630, 6.3286, 23.5360

Complementary

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



116.0170, -19.2354, 9.6321



87.9830, 19.2354, -9.6321

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.



120.2300, 14.6766, 5.9373



116.0170, -19.2354, 9.6321



110.7900, 21.7955, -37.5268

Square

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



116.0170, -19.2354, 9.6321



106.9730, 7.4083, -42.9493



116.5800, 20.4201, -16.2947



119.9980, -3.4500, 33.3278

Rectangle

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



116.0170, -19.2354, 9.6321



111.9900, -8.3761, -20.1622



116.5800, 20.4201, -16.2947



120.6400, 9.5445, 18.7327

Sweetspot

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



116.0170, -19.2354, 9.6321



161.3720, -7.5784, 4.0588



92.9760, -3.4392, 29.8390



81.4580, -4.6628, 2.2293



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.



116.0170, -19.2354, 9.6321



148.8900, -30.0188, 15.0055



116.5160, -19.4814, -4.8375



62.6150, -2.7682, 1.2146



99.9070, -49.2542, 24.6376



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.9830, 19.2354, -9.6321



105.1100, 30.0188, -15.0055



87.4840, 19.4814, 4.8375



58.9720, 2.4788, -1.7294



28.0930, 49.2542, -24.6376



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 116.0170, -19.2354, 9.6321 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 116.0170, -19.2354, 9.6321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

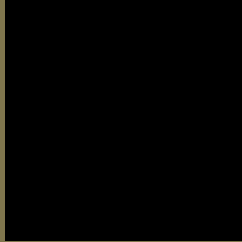
Any Text WCAG AA ✓ Pass

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 116.0170, -19.2354, 9.6321 Background



This preview shows how black text looks on a background with the YUV color 116.0170, -19.2354, 9.6321.



This preview shows how white text looks on a background with the YUV color 116.0170, -19.2354,

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

116.0170, -19.2354, 9.6321

Protanopia

116.3160, -19.3828, 10.2469

Deuteranopia

117.3820, -19.4153, 20.7130



Tritanopia

119.5930, 0.6937, 10.8809

Trichromacy



Original Color

116.0170, -19.2354, 9.6321

Protanomaly

116.3160, -19.3828, 10.2469

Deuteranomaly

117.0610, -19.2571, 16.6095

Tritanomaly

118.3450, -6.5791, 10.2214

Monochromacy



Original Color

116.0170, -19.2354, 9.6321

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1870, -6.9942, 3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0170, -19.2354, 9.6321 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(127, 118, 77)` looks like.

```
.text, #text, p{  
    color:rgb(127, 118, 77)  
}
```

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(127, 118, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 118, 77) }
```

Border

The CSS property to change the border of an element to YUV 116.0170, -19.2354, 9.6321 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(127, 118, 77) }
```


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

```
.border{ border-color:rgb(127, 118, 77) }
```

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

Here you see how a box with a 4 pixel rgb(127, 118, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 118, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 118, 77);  
box-shadow:4px 4px 4px 4px rgb(127, 118,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 116.0170, -19.2354, 9.6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 118, 77) }
```

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

```
.background{ background-color: rgb(127,  
118, 77) }
```

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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