

Converting Colors

YUV(107.6640, -20.5404,
8.1877)

Have a look what the booklet for
YUV(107.6640, -20.5404, 8.1877)
contains.

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Color

**YUV(107.6640, -20.5404,
8.1877)**

Conversions

Conversions Part 1

Format	Color
Hex	756F42
RGB	117, 111, 66
RGB Percent	46%, 44%, 26%
CMY	0.5412, 0.5647, 0.7412
CMYK	0.00, 0.05, 0.44, 0.54
HSL	53°, 28%, 36%
HSV	53°, 44%, 46%
XYZ	14.0039, 15.5441, 7.4165
YIQ	107.6640, 18.0210, -12.7230

Conversions

Conversions Part 2

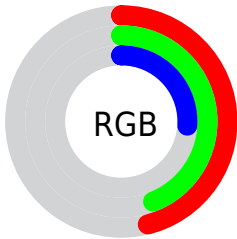
Format	Color
R_{YB}	73, 117, 66
Decimal	7696194
CIE _{Lab}	46.37, -4.76, 25.86
CIE _{LCh}	46, 26.291, 100.422
Yxy	15.5441, 0.3788, 0.4205
Android (android.graphics.Color)	4285886274 (0xFF756F42)
YUV	107.6640, -20.5404, 8.1877
Hunter-Lab	39.4261, -5.5933, 16.4451

Details

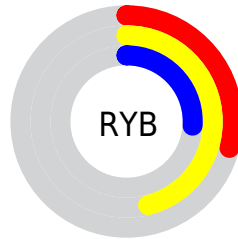
The YUV color $107.6640, -20.5404, 8.1877$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $75.3360, 20.5404, -8.1877$, and the grayscale version is $108.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $159.6210, -21.9982, 9.1024$, and $59.9950, -19.2245, 6.1434$ is the 20% darker color. If you saturate the color by 10%, you get $105.7090, -25.4925, 9.9022$, and if you desaturate by 10%, it is $109.6190, -15.5882, 6.4731$.

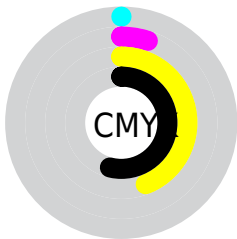
Distribution



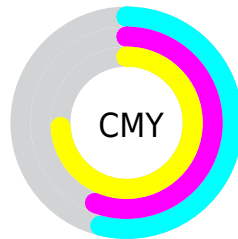
- Red (46%)
- Green (44%)
- Blue (26%)



- Red (29%)
- Yellow (46%)
- Blue (26%)



- Cyan (0%)
- Magenta (5%)
- Yellow (44%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6640, -20.5404, 8.1877 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 107.6640, -20.5404, 8.1877 by changing the saturation by 10% instead.

■ 107.6640,
-20.5404, 8.1877

■ 107.6640,
-20.5404, 8.1877

■ 255.0000, 0.0000,
0.0000

■ 83.4790, -19.9561,
7.4729

■ 159.6210,
-21.9982, 9.1024

■ 59.9950, -19.2245,
6.1434

■ 186.8060,
-22.5824, 9.8171

■ 38.1090, -18.7877,
6.0434

■ 213.9910,
-23.1666, 10.5319

■ 18.8940, -9.3147,
0.9700

■ 242.7630,
-24.0402, 10.7318

■ 0.0000, 0.0000,
0.0000

■ 251.2380,
-14.4143, 3.2993

■ 254.5440, -1.7472,

0.3999

■ 107.6640,
-20.5404, 8.1877

■ 107.6640,
-20.5404, 8.1877

■ 105.7090,
-25.4925, 9.9022

■ 109.6190,
-15.5882, 6.4731

■ 103.2810,
-29.7185, 12.0316

■ 112.0470,
-11.3622, 4.3438

■ 101.3260,
-34.6707, 13.7461

■ 114.0020, -6.4100,
2.6292

■ 98.7840, -39.3335,
15.9754

■ 116.5440, -1.7472,
0.3999

■ 96.8290, -44.2857,
17.6900

■ 118.4990, 3.2050,
-1.3146

■ 95.4440, -47.0539,
18.9046

■ 120.3400, 7.7204,
-2.9292

■ 122.8820, 12.3832,
-5.1585

■ 124.8370, 17.3354,
-6.8730

■ 126.6780, 21.8507,
-8.4876

Harmonies

Analogous

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



109.8770, -20.1524, 23.7869



107.6640, -20.5404, 8.1877



105.1500, -14.3710, -10.6556

Triad

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



107.6640, -20.5404, 8.1877



93.6470, 21.8660, -60.2034



113.0710, 5.8810, 27.1247

Complementary

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



107.6640, -20.5404, 8.1877



75.3360, 20.5404, -8.1877

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.



112.0670, 15.2500, 8.7112



107.6640, -20.5404, 8.1877



101.4520, 24.4272, -41.6154

Square

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



107.6640, -20.5404, 8.1877



96.0150, 10.3456, -51.7562



108.6340, 21.8724, -15.4650



112.0800, -4.4764, 35.8868

Rectangle

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



107.6640, -20.5404, 8.1877



102.7830, -7.7810, -24.3657



108.6340, 21.8724, -15.4650



113.2490, 9.2442, 21.7066

Sweetspot

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



107.6640, -20.5404, 8.1877



149.5460, -8.1572, 3.0292



82.0470, -4.4602, 30.6538



74.3440, -5.0996, 2.3293



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.



107.6640, -20.5404, 8.1877



138.5970, -32.3393, 12.6314



105.5050, -19.4760, -6.5819



57.7290, -2.3314, 1.1147



99.8740, -49.2379, 19.4045



203.8900, -100.5178, 40.4385

Inverse Universe

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



75.3360, 20.5404, -8.1877



87.9900, 32.0499, -13.1462



77.4950, 19.4760, 6.5819



53.6840, 2.6208, -0.5999



22.1260, 49.2379, -19.4045



45.5230, 100.8072, -39.9237

Previews

White Background



This preview shows how the YUV color 107.6640, -20.5404, 8.1877 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 107.6640, -20.5404, 8.1877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

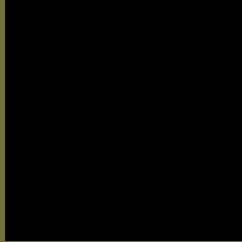
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.6640, -20.5404, 8.1877

Background



This preview shows how black text looks on a background with the YUV color 107.6640, -20.5404, 8.1877.



This preview shows how white text looks on a background with the YUV color 107.6640, -20.5404, 8.1877.

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

107.6640, -20.5404, 8.1877

Protanopia

107.9740, -20.6932, 10.5468

Deuteranopia

109.0400, -20.7257, 21.0129



Tritanopia

111.1090, 1.4253, 9.5514

Trichromacy



Original Color

107.6640, -20.5404, 8.1877

Protanomaly

107.6750, -20.5458, 9.9320

Deuteranomaly

108.4200, -20.4201, 16.2947

Tritanomaly

109.7470, -6.2843, 8.9919

Monochromacy



Original Color

107.6640, -20.5404, 8.1877

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.7740, -7.2836, 2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6640, -20.5404, 8.1877 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(117, 111, 66)` looks like.

```
.text, #text, p{  
    color:rgb(117, 111, 66)  
}
```

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(117, 111, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 111, 66) }
```

Border

The CSS property to change the border of an element to YUV 107.6640, -20.5404, 8.1877 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(117, 111, 66) }
```


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

```
.border{ border-color:rgb(117, 111, 66) }
```

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

Here you see how a box with a 4 pixel rgb(117, 111, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 111, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 111, 66);  
box-shadow:4px 4px 4px 4px rgb(117, 111,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 107.6640, -20.5404, 8.1877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 111, 66) }
```

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

```
.background{ background-color: rgb(117,  
111, 66) }
```

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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