

Converting Colors

YUV(106.7210, -13.6665,
-3.2633)

Have a look what the booklet for
YUV(106.7210, -13.6665, -3.2633)
contains.

YUV(106.7210, -13.6665, -3.2633)	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(106.7210, -13.6665,
-3.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	67724F
RGB	103, 114, 79
RGB Percent	40%, 45%, 31%
CMY	0.5961, 0.5529, 0.6902
CMYK	0.10, 0.00, 0.31, 0.55
HSL	79°, 18%, 38%
HSV	79°, 31%, 45%
XYZ	13.0221, 15.4827, 9.6993
YIQ	106.7210, 4.6790, -13.2170

Conversions

Conversions Part 2

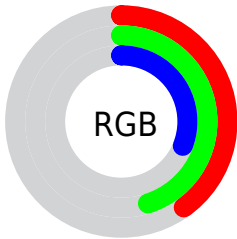
Format	Color
RYB	79, 114, 90
Decimal	6779471
CIELab	46.29, -10.72, 18.07
CIElCh	46, 21.014, 120.683
Yxy	15.4827, 0.3409, 0.4053
Android (android.graphics.Color)	4284969551 (0xFF67724F)
YUV	106.7210, -13.6665, -3.2633
Hunter-Lab	39.3481, -9.7851, 12.9287

Details

The YUV color $[106.7210, -13.6665, -3.2633]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[86.2790, 13.6665, 3.2633]$, and the grayscale version is $[107.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[158.0800, -14.8294, -3.5782]$, and $[59.0630, -12.3561, -3.5633]$ is the 20% darker color. If you saturate the color by 10%, you get $[104.2710, -17.8816, -4.6227]$, and if you desaturate by 10%, it is $[109.1710, -9.4513, -1.9040]$.

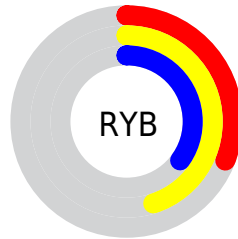
Distribution



Red (40%)

Green (45%)

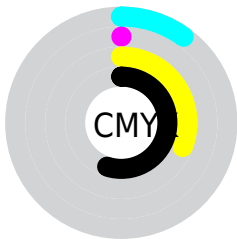
Blue (31%)



Red (31%)

Yellow (45%)

Blue (35%)

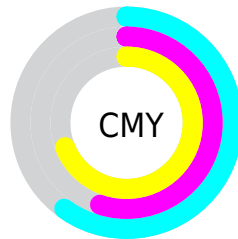


Cyan (10%)

Magenta (0%)

Yellow (31%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7210, -13.6665, -3.2633 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 106.7210, -13.6665, -3.2633 by changing the saturation by 10% instead.

■ 106.7210,
-13.6665, -3.2633

■ 106.7210,
-13.6665, -3.2633

■ 255.0000, 0.0000,
0.0000

■ 82.2480, -12.9403,
-2.8485

■ 158.0800,
-14.8294, -3.5782

■ 59.0630, -12.3561,
-3.5633

■ 185.0800,
-14.8294, -3.5782

■ 37.1770, -11.9193,
-3.6632

■ 212.8520,
-15.7030, -3.3782

■ 16.1810, -7.9772,
-8.0517

■ 240.8520,
-15.7030, -3.3782

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,
1.7996

■ 106.7210,
-13.6665, -3.2633

■ 106.7210,
-13.6665, -3.2633

■ 104.2710,
-17.8816, -4.6227

■ 109.1710, -9.4513,
-1.9040

■ 102.0060,
-22.6810, -5.2673

■ 111.4360, -4.6519,
-1.2594

■ 99.5560, -26.8961,
-6.6266

■ 113.8860, -0.4368,
0.1000

■ 97.2910, -31.6955,
-7.2712

■ 116.1510, 4.3626,
0.7446

■ 94.8410, -35.9106,
-8.6306

■ 118.6010, 8.5777,
2.1039

■ 92.6900, -40.2732,
-9.3751

■ 120.7520, 12.9403,
2.8485

■ 90.2400, -44.4883,
-10.7345

■ 123.3160, 17.5922,
4.1079

■ 125.7660, 21.8074,

5.4672

■ 128.0310, 26.6067,
6.1118

Harmonies

Analogous

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



108.8970, -17.2042, 11.4913



106.7210, -13.6665, -3.2633



104.5710, -6.1975, -18.9178

Triad

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



106.7210, -13.6665, -3.2633



103.1880, 18.1483, -34.3679



112.2360, -1.1023, 26.9800

Complementary

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



106.7210, -13.6665, -3.2633



86.2790, 13.6665, 3.2633

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.



112.3580, 7.2185, 18.1030



106.7210, -13.6665, -3.2633



107.9990, 18.2415, -17.5391

Square

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



106.7210, -13.6665, -3.2633



100.4770, 13.0758, -40.7603



111.3820, 14.1087, 1.4190



111.1840, -8.9647, 28.7796

Rectangle

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



106.7210, -13.6665, -3.2633



102.5250, 0.2342, -28.5244



111.3820, 14.1087, 1.4190



112.3220, 1.8133, 25.1506

Sweetspot

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



106.7210, -13.6665, -3.2633



145.3220, -5.0887, -1.1594



95.9220, -8.3425, 15.8544



72.1910, -3.0522, -1.0445



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.



106.7210, -13.6665, -3.2633



136.6470, -21.5180, -4.9524



101.6380, -11.1605, -13.7145



54.7180, -2.3260, -0.6297



94.9580, -46.8143, -11.3642



195.8190, -96.5388, -22.6433

Inverse Universe

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



86.2790, 13.6665, 3.2633



104.3530, 21.5180, 4.9524



91.3620, 11.1605, 13.7145



51.2820, 2.3260, 0.6297



25.0420, 46.8143, 11.3642



51.4800, 96.3914, 23.2580

Previews

White Background



This preview shows how the YUV color 106.7210, -13.6665, -3.2633 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 106.7210, -13.6665, -3.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

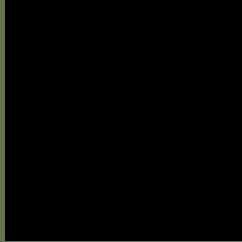
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.7210, -13.6665, -3.2633

Background



This preview shows how black text looks on a background with the YUV color 106.7210, -13.6665, -3.2633.



This preview shows how white text looks on a background with the YUV color 106.7210, -13.6665, -3.2633.

-3.2633.

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

106.7210, -13.6665, -3.2633

Protanopia

108.0430, -15.3042, 8.7323

Deuteranopia

109.4400, -14.0209, 17.1541



Tritanopia

109.7270, 4.0786, -1.5146

Trichromacy



Original Color

106.7210, -13.6665, -3.2633

Protanomaly

107.8360, -14.7091, 4.5288

Deuteranomaly

108.3960, -13.9992, 10.1767

Tritanomaly

108.7070, -2.3206, -2.3740

Monochromacy



Original Color

106.7210, -13.6665, -3.2633

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.3220, -5.0887, -1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7210, -13.6665, -3.2633 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(103, 114, 79)` looks like.

```
.text, #text, p{  
    color:rgb(103, 114, 79)  
}
```

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(103, 114, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 114, 79) }
```

Border

The CSS property to change the border of an element to YUV 106.7210, -13.6665, -3.2633 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(103, 114, 79) }
```


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

```
.border{ border-color:rgb(103, 114, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 114, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 114, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 114, 79);  
box-shadow:4px 4px 4px 4px rgb(103, 114,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 106.7210, -13.6665, -3.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 114, 79) }
```

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

```
.background{ background-color: rgb(103,  
114, 79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor