

Converting Colors

YUV(106.7120, -16.6200,
10.7766)

Have a look what the booklet for
YUV(106.7120, -16.6200, 10.7766)
contains.

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Color

**YUV(106.7120, -16.6200,
10.7766)**

Conversions

Conversions Part 1

Format	Color
Hex	776B49
RGB	119, 107, 73
RGB Percent	47%, 42%, 29%
CMY	0.5333, 0.5804, 0.7137
CMYK	0.00, 0.10, 0.39, 0.53
HSL	44°, 24%, 38%
HSV	44°, 39%, 47%
XYZ	14.0680, 14.9184, 8.4414
YIQ	106.7120, 18.0660, -8.0300

Conversions

Conversions Part 2

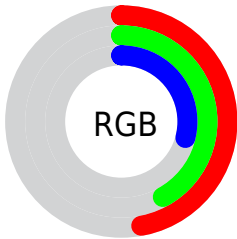
Format	Color
R_{YB}	89, 119, 73
Decimal	7826249
CIE Lab	45.52, -0.70, 20.79
CIE LCh	46, 20.804, 91.918
Yxy	14.9184, 0.3759, 0.3986
Android (android.graphics.Color)	4286016329 (0xFF776B49)
YUV	106.7120, -16.6200, 10.7766
Hunter-Lab	38.6243, -2.5779, 14.0791

Details

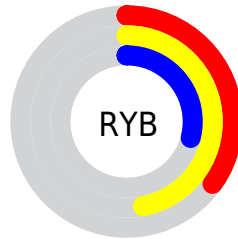
The YUV color **106.7120, -16.6200, 10.7766** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **85.2880, 16.6200, -10.7766**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0820, -17.7884, 12.2061**, and **59.0430, -15.3042, 8.7323** is the 20% darker color. If you saturate the color by 10%, you get **103.5830, -20.9934, 13.5207**, and if you desaturate by 10%, it is **109.8410, -12.2466, 8.0324**.

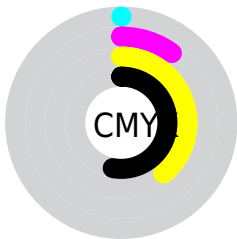
Distribution



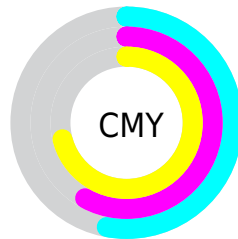
- Red (47%)
- Green (42%)
- Blue (29%)



- Red (35%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (10%)
- Yellow (39%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7120, -16.6200, 10.7766 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 106.7120, -16.6200, 10.7766 by changing the saturation by 10% instead.

■ 106.7120,
-16.6200, 10.7766

■ 106.7120,
-16.6200, 10.7766

■ 255.0000, 0.0000,
0.0000

■ 82.5270, -16.0358,
10.0618

■ 158.0820,
-17.7884, 12.2061

■ 59.0430, -15.3042,
8.7323

■ 185.2670,
-18.3726, 12.9208

■ 36.8150, -16.1778,
8.9322

■ 213.1530,
-18.8094, 13.0208

■ 17.7420, -8.7468,
5.4883

■ 240.7400,
-19.0988, 12.5060

■ 0.0000, 0.0000,
0.0000

■ 252.1500,
-10.9200, 2.4994

■ 106.7120,
-16.6200, 10.7766

■ 106.7120,
-16.6200, 10.7766

■ 103.5830,
-20.9934, 13.5207

■ 109.8410,
-12.2466, 8.0324

■ 100.4540,
-25.3668, 16.2648

■ 112.9700, -7.8732,
5.2883

■ 97.3250, -29.7402,
19.0090

■ 116.0990, -3.4998,
2.5442

■ 94.1960, -34.1136,
21.7531

■ 119.2280, 0.8736,
-0.2000

■ 90.4800, -38.1976,
25.0120

■ 122.8300, 4.5208,
-3.3589

■ 87.4650, -42.1342,
27.6562

■ 125.9590, 8.8942,
-6.1030

■ 87.2370, -43.0078,
27.8562

■ 129.0880, 13.2676,
-8.8472

■ 132.2170, 17.6410,

-11.5913

■ 135.3460, 22.0144,
-14.3354

Harmonies

Analogous

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



108.2450, -14.9108, 22.5871



106.7120, -16.6200, 10.7766



104.5360, -13.0822, -3.9781

Triad

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



106.7120, -16.6200, 10.7766



98.7760, 12.9284, -40.1456



110.2440, 6.7817, 18.2030

Complementary

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



106.7120, -16.6200, 10.7766



85.2880, 16.6200, -10.7766

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.



109.5670, 13.5245, 2.1337



106.7120, -16.6200, 10.7766



101.4870, 18.0009, -33.7531

Square

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



106.7120, -16.6200, 10.7766



99.5290, 4.1762, -32.9129



106.1840, 17.6573, -16.8244



110.1220, -1.5391, 27.0800

Rectangle

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



106.7120, -16.6200, 10.7766



103.3220, -8.5397, -14.3144



106.1840, 17.6573, -16.8244



110.1940, 9.2714, 12.9849

Sweetspot

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



106.7120, -16.6200, 10.7766



150.8990, -6.8522, 4.4736



88.1220, -1.5391, 27.0800



75.9850, -3.9366, 2.6442



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



106.7120, -16.6200, 10.7766



136.6390, -25.9510, 16.9796



110.4670, -18.4712, -2.1636



57.1420, -2.0420, 1.6295



89.3080, -44.0288, 28.6709



183.3450, -90.3891, 58.4564

Inverse Universe

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



85.2880, 16.6200, -10.7766



103.3610, 25.9510, -16.9796



81.5330, 18.4712, 2.1636



54.2710, 2.3314, -1.1147



32.6920, 44.0288, -28.6709



66.6550, 90.3891, -58.4564

Previews

White Background



This preview shows how the YUV color 106.7120, -16.6200, 10.7766 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 106.7120, -16.6200, 10.7766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

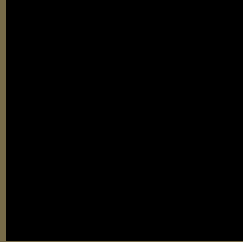
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.7120, -16.6200, 10.7766

Background



This preview shows how black text looks on a background with the YUV color 106.7120, -16.6200, 10.7766.



This preview shows how white text looks on a background with the YUV color 106.7120, -16.6200,

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

106.7120, -16.6200, 10.7766

Protanopia

106.7010, -16.6146, 9.0322

Deuteranopia

107.4680, -16.4997, 18.8836



Tritanopia

109.1910, 0.3988, 12.1105

Trichromacy



Original Color

106.7120, -16.6200, 10.7766

Protanomaly

107.0000, -16.7620, 9.6470

Deuteranomaly

106.8590, -16.1995, 15.9097

Tritanomaly

108.5840, -5.7109, 11.7658

Monochromacy



Original Color

106.7120, -16.6200, 10.7766

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8280, -5.8312, 3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7120, -16.6200, 10.7766 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(119, 107, 73)` looks like.

```
.text, #text, p{  
    color:rgb(119, 107, 73)  
}
```

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(119, 107, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 107, 73) }
```

Border

The CSS property to change the border of an element to YUV 106.7120, -16.6200, 10.7766 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(119, 107, 73) }
```


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

```
.border{ border-color:rgb(119, 107, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 107, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 107, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 107, 73);  
box-shadow:4px 4px 4px 4px rgb(119, 107,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 106.7120, -16.6200, 10.7766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 107, 73) }
```

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

```
.background{ background-color: rgb(119,  
107, 73) }
```

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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