

Converting Colors

YUV(106.8210, -5.3348,
-15.6290)

Have a look what the booklet for
YUV(106.8210, -5.3348, -15.6290)
contains.

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Color

**YUV(106.8210, -5.3348,
-15.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	597660
RGB	89, 118, 96
RGB Percent	35%, 46%, 38%
CMY	0.6510, 0.5373, 0.6235
CMYK	0.25, 0.00, 0.19, 0.54
HSL	134°, 14%, 41%
HSV	134°, 25%, 46%
XYZ	12.7096, 15.9252, 13.4703
YIQ	106.8210, -10.2220, -12.9900

Conversions

Conversions Part 2

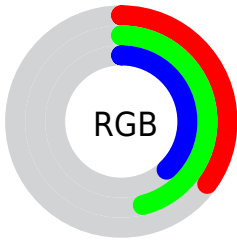
Format	Color
R_{YB}	89, 112, 118
Decimal	5863008
CIE _{Lab}	46.88, -15.34, 8.75
CIE _{LCh}	47, 17.657, 150.289
Yxy	15.9252, 0.3019, 0.3782
Android (android.graphics.Color)	4284053088 (0xFF597660)
YUV	106.8210, -5.3348, -15.6290
Hunter-Lab	39.9064, -12.9868, 7.9213

Details

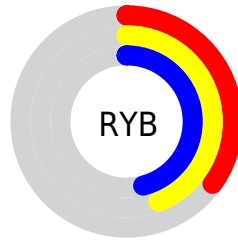
The YUV color **106.8210, -5.3348, -15.6290** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **100.1790, 5.3348, 15.6290**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4080, -5.6241, -16.1438**, and **59.3480, -4.6086, -15.2142** is the 20% darker color. If you saturate the color by 10%, you get **102.2070, -7.4971, -22.1065**, and if you desaturate by 10%, it is **111.4350, -3.1725, -9.1515**.

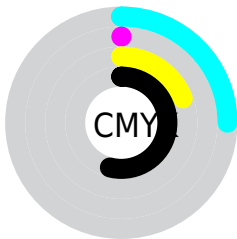
Distribution



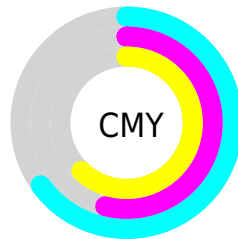
- Red (35%)
- Green (46%)
- Blue (38%)



- Red (35%)
- Yellow (44%)
- Blue (46%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8210, -5.3348, -15.6290 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 106.8210, -5.3348, -15.6290 by changing the saturation by 10% instead.

■ 106.8210, -5.3348,
-15.6290

■ 106.8210, -5.3348,
-15.6290

■ 255.0000, 0.0000,
0.0000

■ 82.2340, -5.0454,
-15.1142

■ 158.4080, -5.6241,
-16.1438

■ 59.3480, -4.6086,
-15.2142

■ 185.5820, -6.2029,
-17.1734

■ 37.1740, -4.0298,
-14.1846

■ 213.1690, -6.4923,
-17.6882

■ 16.1910, -6.5032,
-14.1995

■ 241.2830, -6.0555,
-17.7882

■ 0.0000, 0.0000,
0.0000

■ 253.5050, 0.7370,
-3.0739

■ 106.8210, -5.3348,
-15.6290

■ 106.8210, -5.3348,
-15.6290

■ 102.2070, -7.4971,
-22.1065

■ 111.4350, -3.1725,
-9.1515

■ 97.5930, -9.6593,
-28.5841

■ 116.0490, -1.0102,
-2.6740

■ 93.2780, -11.9691,
-34.4468

■ 120.3640, 1.2995,
3.1888

■ 88.6640, -14.1314,
-40.9243

■ 124.9780, 3.4618,
9.6663

■ 84.0500, -16.2936,
-47.4018

■ 129.5920, 5.6241,
16.1438

■ 79.4360, -18.4559,
-53.8794

■ 134.2060, 7.7864,
22.6213

■ 74.8220, -20.6182,
-60.3569

■ 138.8200, 9.9487,
29.0989

■ 72.4580, -21.9178,

■ 143.1350, 12.2584,

-63.5457

34.9616

■ 147.7490, 14.4207,
41.4391

Harmonies

Analogous

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



108.8890, -11.7773, -2.5337



106.8210, -5.3348, -15.6290



104.6330, 3.1389, -26.8651

Triad

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



106.8210, -5.3348, -15.6290



109.5110, 15.0311, -14.4801



112.5040, -7.6435, 24.9910

Complementary

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



106.8210, -5.3348, -15.6290



100.1790, 5.3348, 15.6290

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.



113.3280, -0.6547, 23.3913



106.8210, -5.3348, -15.6290



112.5130, 12.0721, 1.3041

Square

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



106.8210, -5.3348, -15.6290



106.6080, 14.4903, -27.7202



113.6950, 6.0664, 14.2995



111.5050, -12.5740, 19.7281

Rectangle

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



106.8210, -5.3348, -15.6290



104.2780, 8.2439, -30.9388



113.6950, 6.0664, 14.2995



113.3730, -5.6069, 25.1059

Sweetspot

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



106.8210, -5.3348, -15.6290



148.7990, -1.8729, -5.9627



112.6010, -11.6353, -1.4041



74.3370, -1.1521, -3.8035



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.



106.8210, -5.3348, -15.6290



135.9680, -8.3652, -23.6509



108.4170, 0.7804, -17.0287



56.6360, -1.2995, -3.1888



75.0340, -22.2018, -65.8048



153.5900, -46.1399, -134.6984

Inverse Universe

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



100.1790, 5.3348, 15.6290



125.9180, 7.9284, 23.7509



98.5830, -0.7804, 17.0287



55.2500, 0.8628, 3.2888



47.0800, 22.6386, 65.7048



96.4100, 46.1399, 134.6984

Previews

White Background



This preview shows how the YUV color 106.8210, -5.3348, -15.6290 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 106.8210, -5.3348, -15.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

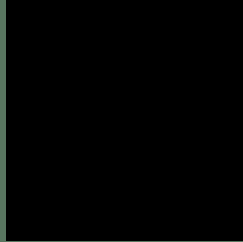
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.8210, -5.3348, -15.6290

Background



This preview shows how black text looks on a background with the YUV color 106.8210, -5.3348, -15.6290.



This preview shows how white text looks on a background with the YUV color 106.8210, -5.3348, -15.6290.

-15.6290.

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

106.8210, -5.3348, -15.6290

Protanopia

110.6280, -9.1836, 5.5882

Deuteranopia

111.6550, -6.7319, 12.5806



Tritanopia

109.0460, 6.8793, -13.1953

Trichromacy



Original Color

106.8210, -5.3348, -15.6290

Protanomaly

109.5130, -8.1409, -2.2039

Deuteranomaly

110.0020, -6.4100, 2.6292

Tritanomaly

107.8950, 2.5168, -13.9399

Monochromacy



Original Color

106.8210, -5.3348, -15.6290

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7990, -1.8729, -5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8210, -5.3348, -15.6290 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(89, 118, 96)` looks like.

```
.text, #text, p{  
    color:rgb(89, 118, 96)  
}
```

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(89, 118, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 118, 96) }
```

Border

The CSS property to change the border of an element to YUV 106.8210, -5.3348, -15.6290 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(89, 118, 96) }
```


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

```
.border{ border-color:rgb(89, 118, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 118, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 118, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 118, 96);  
box-shadow:4px 4px 4px 4px rgb(89, 118,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 106.8210, -5.3348, -15.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 118, 96) }
```

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

```
.background{ background-color: rgb(89, 118,  
96) }
```

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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