

Converting Colors

YUV(106.8760, -5.3619, -6.9073)

Have a look what the booklet for
YUV(106.8760, -5.3619, -6.9073)
contains.

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Color

**YUV(106.8760, -5.3619,
-6.9073)**

Conversions

Conversions Part 1

Format	Color
Hex	637160
RGB	99, 113, 96
RGB Percent	39%, 44%, 38%
CMY	0.6118, 0.5569, 0.6235
CMYK	0.12, 0.00, 0.15, 0.56
HSL	109°, 8%, 41%
HSV	109°, 15%, 44%
XYZ	13.1620, 15.3074, 13.3272
YIQ	106.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

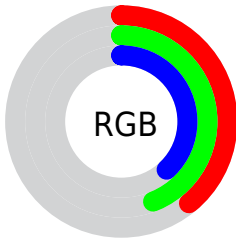
Format	Color
R_{YB}	96, 113, 110
Decimal	6517088
CIE Lab	46.05, -8.79, 7.69
CIE LCh	46, 11.673, 138.824
Yxy	15.3074, 0.3149, 0.3662
Android (android.graphics.Color)	4284707168 (0xFF637160)
YUV	106.8760, -5.3619, -6.9073
Hunter-Lab	39.1247, -8.4186, 7.1910

Details

The YUV color **106.8760, -5.3619, -6.9073** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.1240, 5.3619, 6.9073**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4630, -5.6513, -7.4221**, and **59.4030, -4.6357, -6.4924** is the 20% darker color. If you saturate the color by 10%, you get **102.9310, -8.8400, -11.3405**, and if you desaturate by 10%, it is **110.8210, -1.8838, -2.4740**.

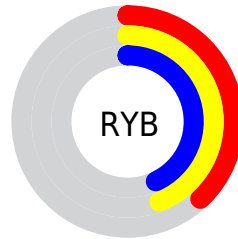
Distribution



Red (39%)

Green (44%)

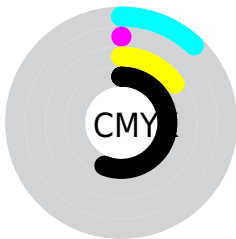
Blue (38%)



Red (38%)

Yellow (44%)

Blue (43%)

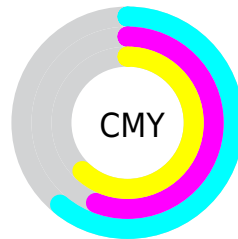


Cyan (12%)

Magenta (0%)

Yellow (15%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8760, -5.3619, -6.9073 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 106.8760, -5.3619, -6.9073 by changing the saturation by 10% instead.

■ 106.8760, -5.3619,
-6.9073

■ 106.8760, -5.3619,
-6.9073

255.0000, 0.0000,
0.0000

■ 82.8760, -5.3619,
-6.9073

■ 158.4630, -5.6513,
-7.4221

■ 59.4030, -4.6357,
-6.4924

■ 185.3490, -6.0881,
-7.3221

■ 37.8160, -4.3463,
-5.9776

■ 212.9360, -6.3774,
-7.8369

■ 16.2350, -6.5249,
-7.2221

■ 241.0500, -5.9406,
-7.9368

■ 0.0000, 0.0000,
0.0000

■ 106.8760, -5.3619,

■ 106.8760, -5.3619,

-6.9073

-6.9073

■ 102.9310, -8.8400,
-11.3405

■ 110.8210, -1.8838,
-2.4740

■ 98.5730, -12.6075,
-16.2885

■ 115.1790, 1.8838,
2.4740

■ 94.6280, -16.0856,
-20.7218

■ 119.1240, 5.3619,
6.9073

■ 90.6830, -19.5637,
-25.1550

■ 123.0690, 8.8400,
11.3405

■ 86.3250, -23.3312,
-30.1030

■ 127.4270, 12.6075,
16.2885

■ 82.3800, -26.8093,
-34.5363

■ 131.3720, 16.0856,
20.7218

■ 78.4350, -30.2875,
-38.9695

■ 135.3170, 19.5637,
25.1550

■ 74.4900, -33.7656,
-43.4027

■ 139.2620, 23.0418,
29.5882

■ 72.3110, -35.6493,
-45.8767

■ 143.6200, 26.8093,
34.5363

Harmonies

Analogous

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



107.8340, -8.2992, 1.8996



106.8760, -5.3619, -6.9073



106.0860, -0.5354, -14.9844

Triad

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



106.8760, -5.3619, -6.9073



107.8550, 9.9315, -12.1508



110.4860, -3.6906, 17.1138

Complementary

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



106.8760, -5.3619, -6.9073



102.1240, 5.3619, 6.9073

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.



111.3160, 0.8302, 13.7549



106.8760, -5.3619, -6.9073



109.5680, 8.5940, -3.1291

Square

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



106.8760, -5.3619, -6.9073



106.3550, 8.2060, -18.7283



110.8250, 5.5093, 6.2925



109.8510, -7.3215, 15.0397

Rectangle

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



106.8760, -5.3619, -6.9073



105.6880, 3.1118, -18.1434



110.8250, 5.5093, 6.2925



110.5290, -2.2328, 16.1991

Sweetspot

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



106.8760, -5.3619, -6.9073



145.4080, -2.1731, -2.9888



109.3010, -6.5574, 3.2440



72.3480, -1.1576, -2.0592



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.



106.8760, -5.3619, -6.9073



138.3440, -8.5506, -10.8257



106.5490, -2.7357, -9.2515



53.8210, -1.8838, -2.4740



76.7190, -37.8225, -48.8656



158.1450, -77.9655, -100.1052

Inverse Universe

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



102.1240, 5.3619, 6.9073



130.6560, 8.5506, 10.8257



102.4510, 2.7357, 9.2515



52.1790, 1.8838, 2.4740



43.2810, 37.8225, 48.8656



89.1540, 77.8181, 100.7199

Previews

White Background



This preview shows how the YUV color 106.8760, -5.3619, -6.9073 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 106.8760, -5.3619, -6.9073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

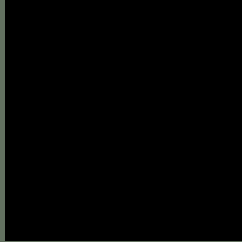
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

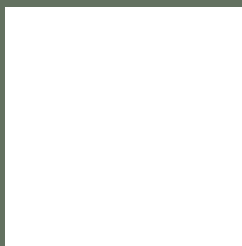
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.8760, -5.3619, -6.9073

Background



This preview shows how black text looks on a background with the YUV color 106.8760, -5.3619, -6.9073.



This preview shows how white text looks on a background with the YUV color 106.8760, -5.3619, -6.9073.

-6.9073.

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

106.8760, -5.3619, -6.9073

Protanopia

108.7850, -7.2890, 4.5736

Deuteranopia

109.8830, -5.8583, 12.3806



Tritanopia

108.9330, 4.9630, -5.2032

Trichromacy



Original Color

106.8760, -5.3619, -6.9073

Protanomaly

107.9910, -6.4046, 0.8849

Deuteranomaly

108.8390, -5.8366, 5.4032

Tritanomaly

108.3090, 1.3267, -5.5330

Monochromacy



Original Color

106.8760, -5.3619, -6.9073

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8210, -1.8838, -2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8760, -5.3619, -6.9073 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(99, 113, 96)` looks like.

```
.text, #text, p{  
    color:rgb(99, 113, 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(99, 113, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 113, 96) }
```

Border

The CSS property to change the border of an element to YUV 106.8760, -5.3619, -6.9073 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(99, 113, 96) }
```


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

```
.border{ border-color:rgb(99, 113, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 113, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 113, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 113, 96);  
box-shadow:4px 4px 4px 4px rgb(99, 113,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 106.8760, -5.3619, -6.9073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 113, 96) }
```

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

```
.background{ background-color: rgb(99, 113,  
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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