

Converting Colors

YUV(106.6570, 16.9311,
-17.2392)

Have a look what the booklet for
YUV(106.6570, 16.9311, -17.2392)
contains.

YUV(106.6570, 16.9311, -17.2392)	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(106.6570, 16.9311,
-17.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	576E8D
RGB	87, 110, 141
RGB Percent	34%, 43%, 55%
CMY	0.6588, 0.5686, 0.4471
CMYK	0.38, 0.22, 0.00, 0.45
HSL	214°, 24%, 45%
HSV	214°, 38%, 55%
XYZ	14.3141, 15.1012, 27.3597
YIQ	106.6570, -23.6590, 4.7650

Conversions

Conversions Part 2

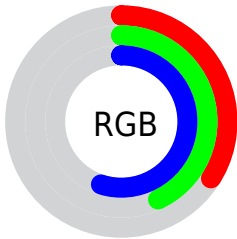
Format	Color
R _Y B	87, 103, 141
Decimal	5729933
CIE Lab	45.77, -0.24, -19.70
CIE LCh	46, 19.703, 269.296
Yxy	15.1012, 0.2521, 0.2660
Android (android.graphics.Color)	4283920013 (0xFF576E8D)
YUV	106.6570, 16.9311, -17.2392
Hunter-Lab	38.8602, -2.2551, -14.5412

Details

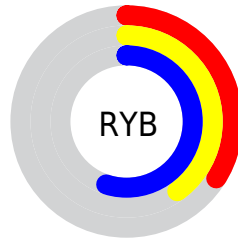
The YUV color **106.6570, 16.9311, -17.2392** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **121.3430, -16.9311, 17.2392**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2980, 18.0941, -16.9243**, and **58.7170, 15.9155, -18.1688** is the 20% darker color. If you saturate the color by 10%, you get **97.7750, 21.3099, -21.7277**, and if you desaturate by 10%, it is **115.5390, 12.5523, -12.7507**.

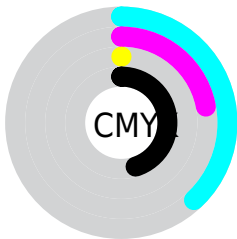
Distribution



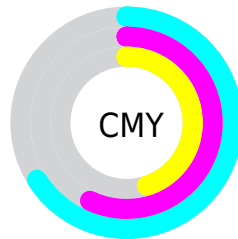
- Red (34%)
- Green (43%)
- Blue (55%)



- Red (34%)
- Yellow (40%)
- Blue (55%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (66%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6570, 16.9311, -17.2392 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 106.6570, 16.9311, -17.2392 by changing the saturation by 10% instead.

■ 106.6570, 16.9311,
-17.2392

■ 106.6570, 16.9311,
-17.2392

■ 255.0000, 0.0000,
0.0000

■ 82.1300, 16.2049,
-17.6540

■ 158.2980, 18.0941,
-16.9243

■ 58.7170, 15.9155,
-18.1688

■ 185.4120, 18.5309,
-17.0243

■ 34.9940, 15.7790,
-21.0427

■ 213.1130, 18.6783,
-17.6391

■ 16.8700, 13.8681,
-14.7950

■ 238.9640, 7.9057,
-15.7544

■ 3.3230, 10.1938,
-2.9143

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 106.6570, 16.9311,
-17.2392

■ 106.6570, 16.9311,
-17.2392

■ 97.7750, 21.3099,
-21.7277

■ 115.5390, 12.5523,
-12.7507

■ 88.8930, 25.6888,
-26.2162

■ 124.4210, 8.1734,
-8.2622

■ 80.0110, 30.0676,
-30.7046

■ 133.3030, 3.7946,
-3.7737

■ 71.1290, 34.4464,
-35.1931

■ 142.1850, -0.5842,
0.7148

■ 62.2470, 38.8252,
-39.6816

■ 151.3660, -5.1104,
5.8180

■ 52.4790, 43.6409,
-44.2701


■ 160.8350, -9.7787,
9.7917

■ 51.2940, 44.2251,
-44.9848

■ 169.7170,
-14.1575, 14.2802

■ 178.5990,

-18.5363, 18.7687

 187.4810,
-22.9151, 23.2572

Harmonies

Analogous

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



102.7430, 16.3957, -32.2236



106.6570, 16.9311, -17.2392



109.5560, 13.5299, 0.3894

Triad

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



106.6570, 16.9311, -17.2392



109.7000, -8.2331, 27.4501



103.5820, -6.2029, -17.1734

Complementary

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



106.6570, 16.9311, -17.2392



121.3430, -16.9311, 17.2392

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.



105.5470, -13.0877, -2.2337



106.6570, 16.9311, -17.2392



109.1740, -13.8898, 21.7724

Square

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



106.6570, 16.9311, -17.2392



110.6380, -0.8075, 25.7505



107.5380, -16.0412, 11.8062



101.4970, 2.7130, -30.2539

Rectangle

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



106.6570, 16.9311, -17.2392



111.1830, 9.2768, 11.2405



107.5380, -16.0412, 11.8062



104.2190, -8.9820, -12.4701

Sweetspot

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



106.6570, 16.9311, -17.2392



170.6770, 6.5682, -6.7327



122.2320, -2.0864, -30.8985



84.3030, 3.7946, -3.7737



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



106.6570, 16.9311, -17.2392



129.8220, 26.7098, -27.0309



94.3520, 22.9975, -2.9397



66.5590, 2.1894, -2.2442



49.4360, 42.1831, -43.3554



2.6730, 2.6262, -2.3442

Inverse Universe

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



105.7680, 2.0864, 30.8985



128.5190, 3.1951, 48.6568



133.6480, -22.9975, 2.9397



66.4350, 0.2785, 4.0035



46.9770, 5.4343, 77.1962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 106.6570, 16.9311, -17.2392 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 106.6570, 16.9311, -17.2392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

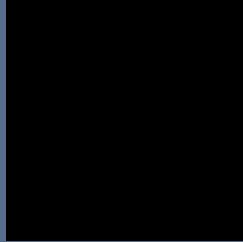
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

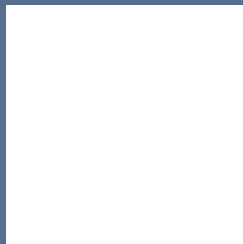
Any Text WCAG AAA × Fail

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

YUV 106.6570, 16.9311, -17.2392 Background



This preview shows how black text looks on a background with the YUV color 106.6570, 16.9311, -17.2392.

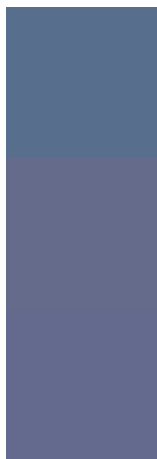


This preview shows how white text looks on a background with the YUV color 106.6570, 16.9311, -17.2392.

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

106.6570, 16.9311, -17.2392

Protanopia

108.5550, 15.0094, -7.5027

Deuteranopia

108.3100, 16.6092, -7.2879



Tritanopia

104.7570, 8.5008, -19.9579

Trichromacy



Original Color

106.6570, 16.9311, -17.2392

Protanomaly

107.7610, 15.8938, -11.1914

Deuteranomaly

107.4020, 17.0568, -10.8766

Tritanomaly

105.5660, 11.5530, -18.9134

Monochromacy



Original Color

106.6570, 16.9311, -17.2392

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6570, 16.9311, -17.2392 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(87, 110, 141)` looks like.

```
.text, #text, p{  
    color:rgb(87, 110, 141)  
}
```

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(87, 110, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 110, 141) }
```

Border

The CSS property to change the border of an element to YUV 106.6570, 16.9311, -17.2392 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(87, 110, 141) }
```


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

```
.border{ border-color:rgb(87, 110, 141) }
```

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

Here you see how a box with a 4 pixel rgb(87, 110, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 110, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 110, 141);  
box-shadow:4px 4px 4px 4px rgb(87, 110,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 106.6570, 16.9311, -17.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 110, 141) }
```

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

```
.background{ background-color: rgb(87, 110,  
141) }
```

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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