

Converting Colors

YUV(106.5870, 16.4726,
-10.1618)

Have a look what the booklet for
YUV(106.5870, 16.4726, -10.1618)
contains.

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Color

**YUV(106.5870, 16.4726,
-10.1618)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6A8C
RGB	95, 106, 140
RGB Percent	37%, 42%, 55%
CMY	0.6275, 0.5843, 0.4510
CMYK	0.32, 0.24, 0.00, 0.45
HSL	225°, 19%, 46%
HSV	225°, 32%, 55%
XYZ	14.6070, 14.6344, 26.8658
YIQ	106.5870, -17.4700, 8.2420

Conversions

Conversions Part 2

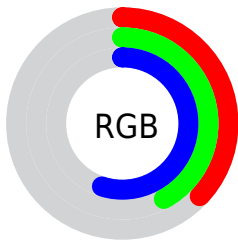
Format	Color
R_{YB}	95, 104, 140
Decimal	6253196
CIE _{Lab}	45.13, 4.33, -20.05
CIE _{LCh}	45, 20.509, 282.194
Yxy	14.6344, 0.2603, 0.2608
Android (android.graphics.Color)	4284443276 (0xFF5F6A8C)
YUV	106.5870, 16.4726, -10.1618
Hunter-Lab	38.2550, 1.2109, -14.8599

Details

The YUV color **106.5870, 16.4726, -10.1618** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.4130, -16.4726, 10.1618**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2280, 17.6356, -9.8470**, and **58.9460, 15.3096, -10.4766** is the 20% darker color. If you saturate the color by 10%, you get **95.9440, 21.7196, -13.1059**, and if you desaturate by 10%, it is **117.2300, 11.2256, -7.2177**.

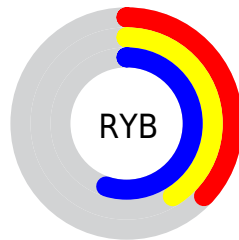
Distribution



Red (37%)

Green (42%)

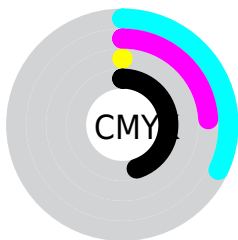
Blue (55%)



Red (37%)

Yellow (41%)

Blue (55%)

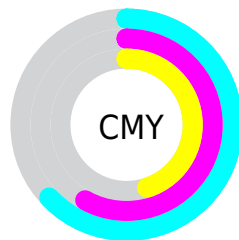


Cyan (32%)

Magenta (24%)

Yellow (0%)

Black (45%)



Cyan (63%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.5870, 16.4726, -10.1618 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 106.5870, 16.4726, -10.1618 by changing the saturation by 10% instead.

■ 106.5870, 16.4726,
-10.1618

■ 106.5870, 16.4726,
-10.1618

■ 255.0000, 0.0000,
0.0000

■ 82.0600, 15.7464,
-10.5766

■ 158.2280, 17.6356,
-9.8470

■ 58.9460, 15.3096,
-10.4766

■ 185.3420, 18.0724,
-9.9469

■ 36.1200, 14.7308,
-11.5062

■ 213.0430, 18.2198,
-10.5617

■ 14.9950, 14.2995,
-13.1506

■ 238.4210, 8.1734,
-8.2622

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 106.5870, 16.4726,
-10.1618

■ 106.5870, 16.4726,
-10.1618

■ 95.9440, 21.7196,
-13.1059

■ 117.2300, 11.2256,
-7.2177

■ 85.8880, 26.6772,
-16.5648

■ 127.2860, 6.2680,
-3.7588

■ 75.2450, 31.9242,
-19.5089

■ 137.9290, 1.0210,
-0.8147

■ 65.1890, 36.8818,
-22.9678

■ 147.9850, -3.9366,
2.6442

■ 54.5460, 42.1288,
-25.9118

■ 158.6280, -9.1836,
5.5882

■ 44.4900, 47.0864,
-29.3707

■ 168.6840,
-14.1412, 9.0471

■ 35.9180, 51.3124,
-31.5001

■ 179.3270,
-19.3882, 11.9912

■ 189.9700,

-24.6352, 14.9353

■ 200.0260,
-29.5928, 18.3942

Harmonies

Analogous

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



101.9330, 18.2740, -28.0052



106.5870, 16.4726, -10.1618



109.0300, 11.3242, 7.8667

Triad

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



106.5870, 16.4726, -10.1618



108.1900, -11.4327, 27.0204



100.8630, -2.3975, -24.4359

Complementary

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



106.5870, 16.4726, -10.1618



128.4130, -16.4726, 10.1618

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.



103.3720, -11.0294, -9.0962



106.5870, 16.4726, -10.1618



106.6960, -15.6261, 18.6836

Square

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



106.5870, 16.4726, -10.1618



108.7370, -4.3073, 28.2947



105.2060, -15.8776, 5.9583



98.0170, 7.3866, -35.9719

Rectangle

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



106.5870, 16.4726, -10.1618



109.8310, 6.4923, 17.6882



105.2060, -15.8776, 5.9583



101.6850, -5.7607, -19.0177

Sweetspot

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



106.5870, 16.4726, -10.1618



167.4000, 6.7048, -3.8588



125.2910, 1.8285, -26.5652



83.4280, 4.2260, -2.1294



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.



106.5870, 16.4726, -10.1618



128.6600, 25.8036, -16.3648



103.4190, 18.0344, 2.2635



63.9720, 2.4788, -1.7294



33.9460, 48.8336, -29.7706



1.1570, 1.8946, -1.0147

Inverse Universe

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



109.7090, -1.8285, 26.5652



133.2810, -2.6035, 41.8496



131.5810, -18.0344, -2.2635



64.3210, -0.1583, 4.1035



43.4150, -5.6276, 78.5660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 106.5870, 16.4726, -10.1618 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 106.5870, 16.4726, -10.1618 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

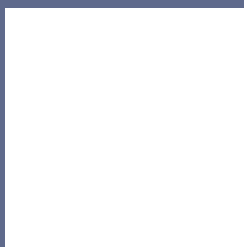
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.5870, 16.4726, -10.1618

Background



This preview shows how black text looks on a background with the YUV color 106.5870, 16.4726, -10.1618.



This preview shows how white text looks on a background with the YUV color 106.5870, 16.4726, -10.1618.

-10.1618.

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

106.5870, 16.4726, -10.1618

Protanopia

106.5980, 16.4672, -8.4174

Deuteranopia

107.1960, 16.1724, -7.1879



Tritanopia

105.0460, 6.8793, -13.1953

Trichromacy



Original Color

106.5870, 16.4726, -10.1618

Protanomaly

106.2990, 16.6146, -9.0322

Deuteranomaly

106.8970, 16.3198, -7.8027

Tritanomaly

105.9690, 10.3683, -12.2508

Monochromacy



Original Color

106.5870, 16.4726, -10.1618

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1720, 5.8312, -3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5870, 16.4726, -10.1618 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(95, 106, 140)` looks like.

```
.text, #text, p{  
    color:rgb(95, 106, 140)  
}
```

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(95, 106, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 106, 140) }
```

Border

The CSS property to change the border of an element to YUV 106.5870, 16.4726, -10.1618 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(95, 106, 140) }
```


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

```
.border{ border-color:rgb(95, 106, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 106, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 106, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 106, 140);  
box-shadow:4px 4px 4px 4px rgb(95, 106,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 106.5870, 16.4726, -10.1618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 106, 140) }
```

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

```
.background{ background-color: rgb(95, 106,  
140) }
```

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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