

Converting Colors

YUV(106.1130, 18.6783,
-17.6391)

Have a look what the booklet for
YUV(106.1130, 18.6783, -17.6391)
contains.

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Color

**YUV(106.1130, 18.6783,
-17.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	566D90
RGB	86, 109, 144
RGB Percent	34%, 43%, 56%
CMY	0.6627, 0.5725, 0.4353
CMYK	0.40, 0.24, 0.00, 0.44
HSL	216°, 25%, 45%
HSV	216°, 40%, 56%
XYZ	14.3404, 14.9293, 28.5114
YIQ	106.1130, -24.9430, 6.0090

Conversions

Conversions Part 2

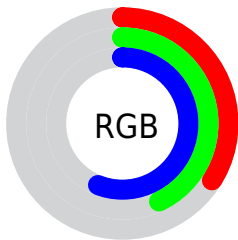
Format	Color
R_{YB}	86, 102, 144
Decimal	5664144
CIE Lab	45.54, 0.93, -21.85
CIE LCh	46, 21.874, 272.449
Yxy	14.9293, 0.2482, 0.2584
Android (android.graphics.Color)	4283854224 (0xFF566D90)
YUV	106.1130, 18.6783, -17.6391
Hunter-Lab	38.6385, -1.3682, -16.7032

Details

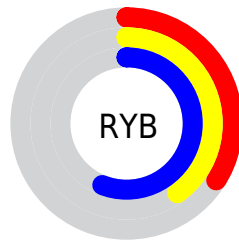
The YUV color **106.1130, 18.6783, -17.6391** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **123.8870, -18.6783, 17.6391**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7540, 19.8413, -17.3243**, and **57.7600, 17.3733, -19.0835** is the 20% darker color. If you saturate the color by 10%, you get **96.6440, 23.3465, -21.6128**, and if you desaturate by 10%, it is **115.5820, 14.0101, -13.6654**.

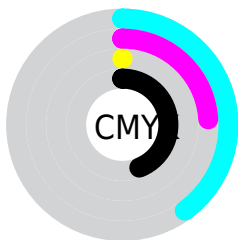
Distribution



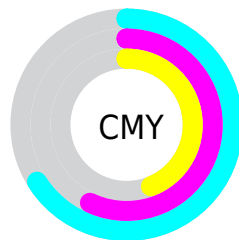
- Red (34%)
- Green (43%)
- Blue (56%)



- Red (34%)
- Yellow (40%)
- Blue (56%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.1130, 18.6783, -17.6391 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 106.1130, 18.6783, -17.6391 by changing the saturation by 10% instead.

■ 106.1130, 18.6783,
-17.6391

■ 106.1130, 18.6783,
-17.6391

■ 255.0000, 0.0000,
0.0000

■ 81.5860, 17.9521,
-18.0539

■ 157.7540, 19.8413,
-17.3243

■ 57.7600, 17.3733,
-19.0835

■ 184.8680, 20.2781,
-17.4242

■ 33.5530, 17.9684,
-23.2870

■ 212.6830, 20.8623,
-18.1390

■ 17.0980, 14.7417,
-14.9949

■ 237.7900, 8.4845,
-14.7248

■ 3.5510, 11.0674,
-3.1142

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 106.1130, 18.6783,
-17.6391

■ 106.1130, 18.6783,
-17.6391

■ 96.6440, 23.3465,
-21.6128

■ 115.5820, 14.0101,
-13.6654

■ 87.4630, 27.8727,
-26.7161

■ 124.7630, 9.4838,
-8.5622

■ 77.9940, 32.5410,
-30.6897

■ 134.2320, 4.8156,
-4.5885

■ 68.2260, 37.3566,
-35.2782

■ 144.0000, 0.0000,
0.0000

■ 59.3440, 41.7354,
-39.7667

■ 152.8820, -4.3788,
4.4885


■ 49.8750, 46.4036,
-43.7404

■ 162.3510, -9.0470,
8.4622

■ 172.1190,
-13.8627, 13.0506

■ 181.5880,

-18.5309, 17.0243

 190.7690,
-23.0571, 22.1276

Harmonies

Analogous

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



100.8180, 19.3167, -35.7974



106.1130, 18.6783, -17.6391



109.7950, 14.3981, 1.9338

Triad

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



106.1130, 18.6783, -17.6391



109.2550, -9.9857, 29.5944



101.6740, -5.7553, -20.7621

Complementary

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



106.1130, 18.6783, -17.6391



123.8870, -18.6783, 17.6391

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.



105.0090, -13.8084, -4.3929



106.1130, 18.6783, -17.6391



108.3160, -15.9318, 23.4019

Square

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



106.1130, 18.6783, -17.6391



110.1330, -1.5446, 28.8244



106.4840, -17.4936, 10.9765



99.0340, 4.9132, -35.9868

Rectangle

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



106.1130, 18.6783, -17.6391



110.3190, 9.7027, 14.6292



106.4840, -17.4936, 10.9765



102.6100, -8.6817, -15.4440

Sweetspot

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



106.1130, 18.6783, -17.6391



171.7910, 7.0050, -6.8327



124.0360, -1.4967, -33.3576



85.4170, 4.2314, -3.8737



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



106.1130, 18.6783, -17.6391



127.6910, 28.7463, -26.9160



94.4060, 24.4498, -2.1101



66.5590, 2.1894, -2.2442



47.0880, 43.3406, -41.2962



2.6730, 2.6262, -2.3442

Inverse Universe

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



105.9640, 1.4967, 33.3576



127.6010, 2.1687, 51.2159



135.5940, -24.4498, 2.1101



66.4350, 0.2785, 4.0035



46.5210, 3.6871, 77.5961



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 106.1130, 18.6783, -17.6391 looks on a white background.

Color Contrast Check

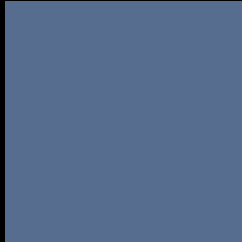
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.1130, 18.6783, -17.6391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

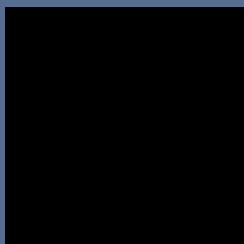
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

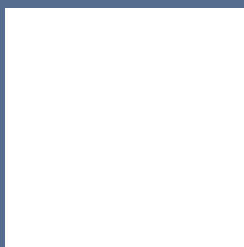
Any Text WCAG AAA × Fail

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

YUV 106.1130, 18.6783, -17.6391 Background



This preview shows how black text looks on a background with the YUV color 106.1130, 18.6783, -17.6391.

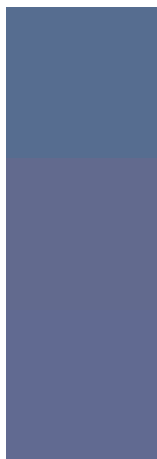


This preview shows how white text looks on a background with the YUV color 106.1130, 18.6783, -17.6391.

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

106.1130, 18.6783, -17.6391

Protanopia

107.7120, 16.9040, -8.5174

Deuteranopia

107.7550, 18.3618, -9.4321



Tritanopia

104.1590, 8.7956, -21.1874

Trichromacy



Original Color

106.1130, 18.6783, -17.6391

Protanomaly

107.2170, 17.6410, -11.5913

Deuteranomaly

107.1460, 18.6620, -12.4060

Tritanomaly

105.0820, 12.2846, -20.2429

Monochromacy



Original Color

106.1130, 18.6783, -17.6391

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0900, 6.8576, -6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.1130, 18.6783, -17.6391 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(86, 109, 144)` looks like.

```
.text, #text, p{  
    color:rgb(86, 109, 144)  
}
```

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(86, 109, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 109, 144) }
```

Border

The CSS property to change the border of an element to YUV 106.1130, 18.6783, -17.6391 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(86, 109, 144) }
```


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

```
.border{ border-color:rgb(86, 109, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 109, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 109, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 109, 144);  
box-shadow:4px 4px 4px 4px rgb(86, 109,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 106.1130, 18.6783, -17.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 109, 144) }
```

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

```
.background{ background-color: rgb(86, 109,  
144) }
```

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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