

Converting Colors

YUV(109.1130, 18.6783,
-17.6391)

Have a look what the booklet for
YUV(109.1130, 18.6783, -17.6391)
contains.

YUV(109.1130, 18.6783, -17.6391)	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(109.1130, 18.6783,
-17.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	597093
RGB	89, 112, 147
RGB Percent	35%, 44%, 58%
CMY	0.6510, 0.5608, 0.4235
CMYK	0.39, 0.24, 0.00, 0.42
HSL	216°, 25%, 46%
HSV	216°, 39%, 58%
XYZ	15.1805, 15.8188, 29.8570
YIQ	109.1130, -24.9430, 6.0090

Conversions

Conversions Part 2

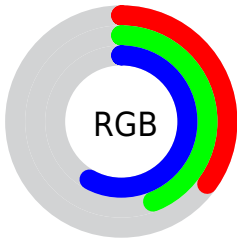
Format	Color
R_{YB}	89, 105, 147
Decimal	5861523
CIE Lab	46.74, 0.87, -21.77
CIE LCh	47, 21.787, 272.282
Yxy	15.8188, 0.2494, 0.2599
Android (android.graphics.Color)	4284051603 (0xFF597093)
YUV	109.1130, 18.6783, -17.6391
Hunter-Lab	39.7728, -1.4727, -16.6673

Details

The YUV color **109.1130, 18.6783, -17.6391** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **126.8870, -18.6783, 17.6391**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3410, 19.5519, -17.8391**, and **60.1730, 17.6627, -18.5687** is the 20% darker color. If you saturate the color by 10%, you get **99.3450, 23.4939, -22.2276**, and if you desaturate by 10%, it is **118.8810, 13.8627, -13.0506**.

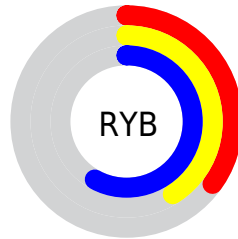
Distribution



Red (35%)

Green (44%)

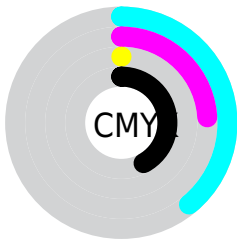
Blue (58%)



Red (35%)

Yellow (41%)

Blue (58%)

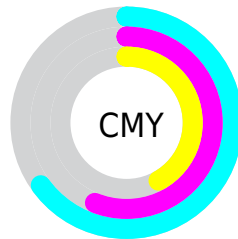


Cyan (39%)

Magenta (24%)

Yellow (0%)

Black (42%)



Cyan (65%)

Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1130, 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 109.1130, 18.6783, -17.6391 by changing the saturation by 10% instead.

■ 109.1130, 18.6783,
-17.6391

■ 109.1130, 18.6783,
-17.6391

■ 255.0000, 0.0000,
0.0000

■ 84.5860, 17.9521,
-18.0539

■ 161.3410, 19.5519,
-17.8391

■ 60.1730, 17.6627,
-18.5687

■ 188.4550, 19.9887,
-17.9390

■ 36.7380, 17.3842,
-22.5722

■ 215.6400, 19.4045,
-17.2243

■ 18.6140, 15.4733,
-16.3245

■ 241.0350, 6.8847,
-14.9397

■ 4.4800, 12.0884,
-3.9290

■ 254.4020, 0.2948,
-1.2296

■ 0.0000, 0.0000,
0.0000

■ 109.1130, 18.6783,
-17.6391

■ 109.1130, 18.6783,
-17.6391

■ 99.3450, 23.4939,
-22.2276

■ 118.8810, 13.8627,
-13.0506

■ 89.8760, 28.1621,
-26.2013

■ 128.3500, 9.1945,
-9.0769

■ 80.1080, 32.9778,
-30.7897

■ 138.1180, 4.3788,
-4.4885

■ 70.9270, 37.5040,
-35.8930

■ 147.2990, -0.1474,
0.6148

■ 61.4580, 42.1722,
-39.8667

■ 157.0670, -4.9630,
5.2032

■ 51.6900, 46.9878,
-44.4551


■ 166.5360, -9.6312,
9.1769

■ 50.8040, 47.4246,
-44.5551

■ 176.3040,
-14.4469, 13.7654

■ 186.0720,

-19.2625, 18.3539

 195.5410,
-23.9307, 22.3275

Harmonies

Analogous

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



104.1170, 19.1693, -35.1826



109.1130, 18.6783, -17.6391



112.7950, 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.



109.1130, 18.6783, -17.6391



112.2550, -9.9857, 29.5944



104.6740, -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.



109.1130, 18.6783, -17.6391



126.8870, -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.



107.8950, -14.2452, -4.2929



109.1130, 18.6783, -17.6391



111.3160, -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.



109.1130, 18.6783, -17.6391



113.1330, -1.5446, 28.8244



109.4840, -17.4936, 10.9765



102.3330, 4.7658, -35.3720

Rectangle

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



109.1130, 18.6783, -17.6391



113.9060, 9.4133, 14.1144



109.4840, -17.4936, 10.9765



105.9090, -8.8291, -14.8292

Sweetspot

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



109.1130, 18.6783, -17.6391



175.9050, 7.4418, -6.9327



127.0360, -1.4967, -33.3576



88.1180, 4.3788, -4.4885



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



109.1130, 18.6783, -17.6391



132.3920, 28.8937, -27.5308



97.4060, 24.4498, -2.1101



68.9720, 2.4788, -1.7294



48.0170, 44.3616, -42.1109



3.4880, 3.2104, -3.0590

Inverse Universe

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



108.9640, 1.4967, 33.3576



132.0140, 2.4581, 51.7307



138.5940, -24.4498, 2.1101



69.3210, -0.1583, 4.1035



47.5320, 3.6817, 79.3404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 109.1130, 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 109.1130, 18.6783, -17.6391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

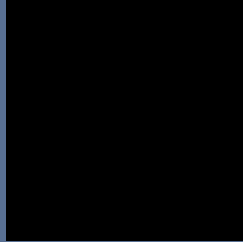
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

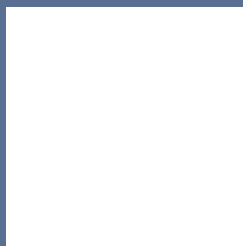
Any Text WCAG AAA × Fail

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

YUV 109.1130, 18.6783, -17.6391 Background



This preview shows how black text looks on a background with the YUV color 109.1130, 18.6783, -17.6391.

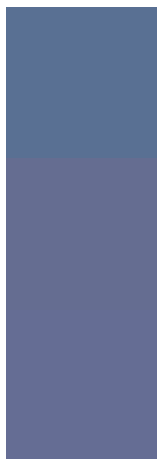


This preview shows how white text looks on a background with the YUV color 109.1130, 18.6783, -17.6391.

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

109.1130, 18.6783, -17.6391

Protanopia

110.7120, 16.9040, -8.5174

Deuteranopia

111.0540, 18.2144, -8.8174



Tritanopia

107.1590, 8.7956, -21.1874

Trichromacy



Original Color

109.1130, 18.6783, -17.6391

Protanomaly

110.2170, 17.6410, -11.5913

Deuteranomaly

110.4450, 18.5146, -11.7913

Tritanomaly

108.0820, 12.2846, -20.2429

Monochromacy



Original Color

109.1130, 18.6783, -17.6391

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0900, 6.8576, -6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1130, 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(89, 112, 147)` looks like.

```
.text, #text, p{  
    color:rgb(89, 112, 147)  
}
```

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, 112, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 112, 147) }
```

Border

The CSS property to change the border of an element to YUV 109.1130, 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(89, 112, 147) }
```


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

```
.border{ border-color:rgb(89, 112, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 112, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(89, 112, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(89, 112, 147); box-shadow:4px 4px 4px 4px rgb(89, 112, 147) }
```

Background

The CSS property to change the background color of an element to YUV 109.1130, 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(89, 112, 147) }
```

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

```
.background{ background-color: rgb(89, 112,  
147) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor