

Converting Colors

YUV(133.1730, 17.6627,
-18.5687)

Have a look what the booklet for
YUV(133.1730, 17.6627, -18.5687)
contains.

YUV(133.1730, 17.6627, -18.5687)	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(133.1730, 17.6627,
-18.5687)**

Conversions

Conversions Part 1

Format	Color
Hex	7089A9
RGB	112, 137, 169
RGB Percent	44%, 54%, 66%
CMY	0.5608, 0.4627, 0.3373
CMYK	0.34, 0.19, 0.00, 0.34
HSL	214°, 25%, 55%
HSV	214°, 34%, 66%
XYZ	22.7892, 24.2006, 41.0062
YIQ	133.1730, -25.1720, 4.6520

Conversions

Conversions Part 2

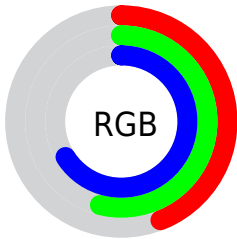
Format	Color
R _Y B	112, 129, 169
Decimal	7375273
CIE Lab	56.29, -0.96, -19.80
CIE LCh	56, 19.820, 267.213
Yxy	24.2006, 0.2590, 0.2750
Android (android.graphics.Color)	4285565353 (0xFF7089A9)
YUV	133.1730, 17.6627, -18.5687
Hunter-Lab	49.1941, -3.3996, -14.9858

Details

The YUV color $133.1730, 17.6627, -18.5687$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $147.8270, -17.6627, 18.5687$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.4010, 18.5363, -18.7687$, and $82.9450, 16.7891, -18.3688$ is the 20% darker color. If you saturate the color by 10%, you get $122.8070, 22.7731, -24.3867$, and if you desaturate by 10%, it is $143.5390, 12.5523, -12.7507$.

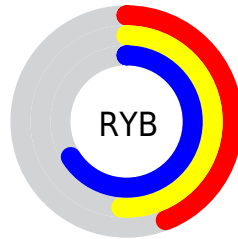
Distribution



Red (44%)

Green (54%)

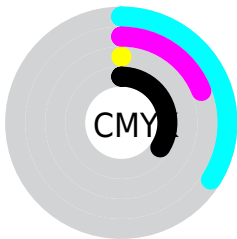
Blue (66%)



Red (44%)

Yellow (51%)

Blue (66%)

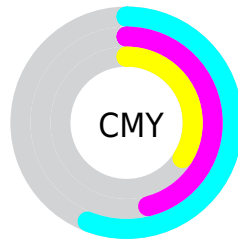


Cyan (34%)

Magenta (19%)

Yellow (0%)

Black (34%)



Cyan (56%)

Magenta (46%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1730, 17.6627, -18.5687 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 133.1730, 17.6627, -18.5687 by changing the saturation by 10% instead.

■ 133.1730, 17.6627,
-18.5687

■ 133.1730, 17.6627,
-18.5687

■ 255.0000, 0.0000,
0.0000

■ 107.6460, 16.9365,
-18.9835

■ 186.4010, 18.5363,
-18.7687

■ 82.9450, 16.7891,
-18.3688

■ 214.5150, 18.9731,
-18.8687

■ 59.1190, 16.2103,
-19.3984

■ 240.1380, 7.3270,
-16.7840

■ 35.0970, 16.2212,
-22.8871

■ 253.5050, 0.7370,
-3.0739

■ 18.1580, 13.7261,
-15.9246

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 133.1730, 17.6627,
-18.5687

■ 133.1730, 17.6627,
-18.5687

■ 122.8070, 22.7731,
-24.3867

■ 143.5390, 12.5523,
-12.7507

■ 111.8540, 28.1730,
-29.6900

■ 154.4920, 7.1524,
-7.4475

■ 101.4880, 33.2834,
-35.5080

■ 164.8580, 2.0420,
-1.6295

■ 90.5350, 38.6832,
-40.8112

■ 175.8110, -3.3578,
3.6738

■ 80.1690, 43.7937,
-46.6292

■ 185.8780, -8.3209,
8.8770

■ 69.5150, 49.0461,
-51.3177

■ 196.8310,
-13.7207, 14.1802

■ 62.7040, 52.4039,
-54.9914

■ 207.1970,
-18.8311, 19.9982

■ 218.1500,
-24.2309, 25.3015

■ 225.8250,
-28.0147, 25.5865

Harmonies

Analogous

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



129.4440, 16.5431, -32.8384



133.1730, 17.6627, -18.5687



136.3710, 14.1141, -0.3254

Triad

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



133.1730, 17.6627, -18.5687



136.7110, -8.2385, 29.1945



130.3540, -7.0765, -16.9735

Complementary

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



133.1730, 17.6627, -18.5687



147.8270, -17.6627, 18.5687

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.



132.6180, -14.1087, -1.4190



133.1730, 17.6627, -18.5687



136.0710, -14.3320, 23.6167

Square

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



133.1730, 17.6627, -18.5687



138.0510, -0.5181, 26.2653



134.1360, -16.3360, 13.0357



128.3830, 2.2762, -30.1539

Rectangle

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



133.1730, 17.6627, -18.5687



137.4110, 10.1504, 11.0406



134.1360, -16.3360, 13.0357



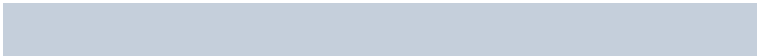
131.2900, -10.0030, -11.6553

Sweetspot

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



133.1730, 17.6627, -18.5687



205.3780, 6.7156, -7.3475



148.9930, -2.9545, -32.4429



101.1180, 4.3788, -4.4885



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



133.1730, 17.6627, -18.5687



164.2240, 27.0046, -28.2604



119.3950, 24.4553, -3.8544



78.6730, 2.6262, -2.3442



55.0270, 45.8357, -48.2587



7.5630, 6.1314, -6.6328

Inverse Universe

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



131.8930, 2.5178, 32.5428



162.3450, 3.7739, 49.6864



161.6050, -24.4553, 3.8544



78.7340, 0.1311, 4.6183



51.6620, 6.5756, 84.4884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 133.1730, 17.6627, -18.5687 looks on a white 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

Black Background



This preview shows how the YUV color 133.1730, 17.6627, -18.5687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

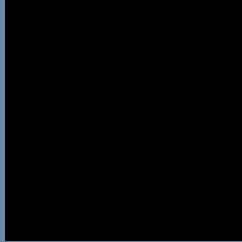
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

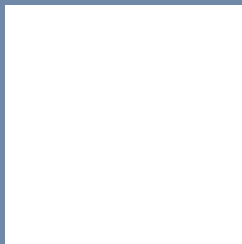
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.1730, 17.6627, -18.5687

Background



This preview shows how black text looks on a background with the YUV color 133.1730, 17.6627, -18.5687.



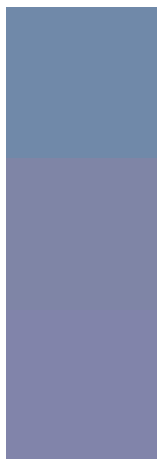
This preview shows how white text looks on a background with the YUV color 133.1730, 17.6627, -18.5687.

-18.5687.

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

133.1730, 17.6627, -18.5687

Protanopia

134.9680, 15.2988, -6.9879

Deuteranopia

135.4350, 17.0405, -5.6435



Tritanopia

131.6860, 9.5218, -20.7726

Trichromacy



Original Color

133.1730, 17.6627, -18.5687

Protanomaly

134.1740, 16.1832, -10.6766

Deuteranomaly

134.8150, 17.3462, -10.3618

Tritanomaly

132.1960, 12.7214, -20.3429

Monochromacy



Original Color

133.1730, 17.6627, -18.5687

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.6770, 6.5682, -6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1730, 17.6627, -18.5687 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(112, 137, 169)` looks like.

```
.text, #text, p{  
    color:rgb(112, 137, 169)  
}
```

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(112, 137, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 137, 169) }
```

Border

The CSS property to change the border of an element to YUV 133.1730, 17.6627, -18.5687 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(112, 137, 169) }
```


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

```
.border{ border-color:rgb(112, 137, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 137, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 137, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 137, 169);  
box-shadow:4px 4px 4px 4px rgb(112, 137,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 133.1730, 17.6627, -18.5687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 137, 169) }
```

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

```
.background{ background-color: rgb(112,  
137, 169) }
```

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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