

Converting Colors

YUV(133.2180, 12.7105,
-16.8542)

Have a look what the booklet for
YUV(133.2180, 12.7105, -16.8542)
contains.

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Color

**YUV(133.2180, 12.7105,
-16.8542)**

Conversions

Conversions Part 1

Format	Color
Hex	728A9F
RGB	114, 138, 159
RGB Percent	45%, 54%, 62%
CMY	0.5529, 0.4588, 0.3765
CMYK	0.28, 0.13, 0.00, 0.38
HSL	208°, 19%, 54%
HSV	208°, 28%, 62%
XYZ	22.2859, 24.2576, 36.3085
YIQ	133.2180, -21.0450, 1.4430

Conversions

Conversions Part 2

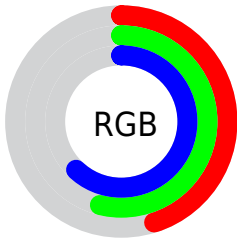
Format	Color
RYB	114, 130, 159
Decimal	7506591
CIELab	56.34, -3.51, -13.96
CIELCh	56, 14.393, 255.878
Yxy	24.2576, 0.2690, 0.2928
Android (android.graphics.Color)	4285696671 (0xFF728A9F)
YUV	133.2180, 12.7105, -16.8542
Hunter-Lab	49.2520, -5.4219, -9.2321

Details

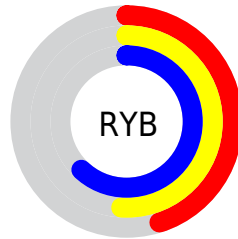
The YUV color $133.2180, 12.7105, -16.8542$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $139.7820, -12.7105, 16.8542$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.4460, 13.5841, -17.0541$, and $83.1040, 12.2737, -16.7542$ is the 20% darker color. If you saturate the color by 10%, you get $124.3250, 17.0948, -23.0870$, and if you desaturate by 10%, it is $142.1110, 8.3263, -10.6213$.

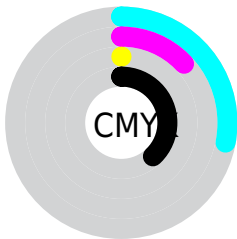
Distribution



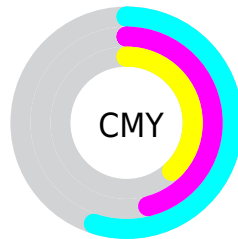
- Red (45%)
- Green (54%)
- Blue (62%)



- Red (45%)
- Yellow (51%)
- Blue (62%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



- Cyan (55%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.2180, 12.7105, -16.8542 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 133.2180, 12.7105, -16.8542 by changing the saturation by 10% instead.

■ 133.2180, 12.7105,
-16.8542

■ 133.2180, 12.7105,
-16.8542

255.0000, 0.0000,
0.0000

■ 108.1040, 12.2737,
-16.7542

■ 186.4460, 13.5841,
-17.0541

■ 83.1040, 12.2737,
-16.7542

■ 214.1470, 13.7315,
-17.6689

■ 59.8760, 11.4001,
-16.5543

■ 241.0240, 6.8902,
-16.6840

■ 37.1640, 11.2581,
-17.6838

■ 253.8040, 0.5896,
-2.4591

■ 17.8330, 9.9423,
-15.6395

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 133.2180, 12.7105,
-16.8542

■ 133.2180, 12.7105,
-16.8542

■ 124.3250, 17.0948,
-23.0870

■ 142.1110, 8.3263,
-10.6213

■ 114.8450, 21.7684,
-28.8051

■ 151.5910, 3.6526,
-4.9033

■ 105.9520, 26.1527,
-35.0379

■ 160.4840, -0.7316,
1.3295

■ 96.4720, 30.8263,
-40.7559

■ 169.9640, -5.4053,
7.0476

■ 87.5790, 35.2106,
-46.9888

■ 178.8570, -9.7895,
13.2804

■ 78.3980, 39.7368,
-52.0920

■ 188.0380,
-14.3157, 18.3837

■ 69.5050, 44.1210,
-58.3249

■ 196.9310,
-18.7000, 24.6165

■ 68.0210, 44.8526,
-59.6544

■ 205.8240,
-23.0842, 30.8494

■ 214.7060,
-27.4631, 35.3378

Harmonies

Analogous

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



131.3050, 10.6956, -23.9465



133.2180, 12.7105, -16.8542



135.6540, 11.5096, -4.9586

Triad

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



133.2180, 12.7105, -16.8542



137.3940, -4.1382, 20.7025



132.5940, -7.6878, -7.5369

Complementary

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



133.2180, 12.7105, -16.8542



139.7820, -12.7105, 16.8542

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.



133.7480, -11.2148, 3.7290



133.2180, 12.7105, -16.8542



136.7160, -9.2270, 19.5431

Square

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



133.2180, 12.7105, -16.8542



137.6800, 2.1298, 16.9436



135.2870, -11.9735, 13.7803



131.2490, -1.1088, -17.7584

Rectangle

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



133.2180, 12.7105, -16.8542



136.7260, 9.0091, 3.7483



135.2870, -11.9735, 13.7803



132.9750, -8.8617, -4.3631

Sweetspot

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



133.2180, 12.7105, -16.8542



197.2210, 4.8210, -6.3328



142.8090, -3.8498, -25.2655



98.7760, 3.0684, -4.1886



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



133.2180, 12.7105, -16.8542



166.4000, 20.0158, -26.6608



119.7170, 19.3665, -5.0138



74.2600, 2.3368, -2.8590



60.9140, 40.4684, -53.4216



6.4060, 4.2368, -5.6181

Inverse Universe

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



130.1910, 3.8498, 25.2655



161.5610, 6.1324, 39.8500



153.2830, -19.3665, 5.0138



73.8480, 0.5679, 4.5183



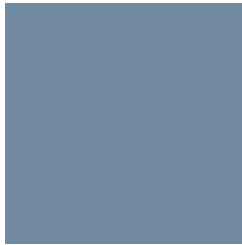
51.4210, 12.1174, 80.3148



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 133.2180, 12.7105, -16.8542 looks on a white background.

Color Contrast Check

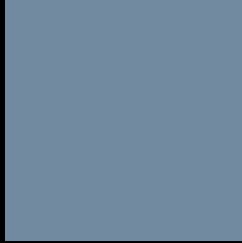
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.2180, 12.7105, -16.8542 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

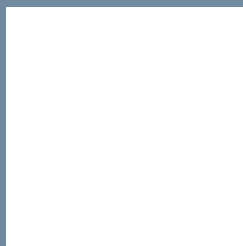
Any Text WCAG AAA × Fail

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

YUV 133.2180, 12.7105, -16.8542 Background



This preview shows how black text looks on a background with the YUV color 133.2180, 12.7105, -16.8542.



This preview shows how white text looks on a background with the YUV color 133.2180, 12.7105, -16.8542.

-16.8542.

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

133.2180, 12.7105, -16.8542

Protanopia

135.6110, 10.0518, -4.0438

Deuteranopia

136.0890, 11.7881, -0.9551



Tritanopia

132.2950, 9.2216, -17.7987

Trichromacy



Original Color

133.2180, 12.7105, -16.8542

Protanomaly

134.5180, 11.0836, -8.3473

Deuteranomaly

134.8710, 12.3886, -6.9029

Tritanomaly

132.9360, 10.3846, -17.4839

Monochromacy



Original Color

133.2180, 12.7105, -16.8542

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1070, 4.3842, -6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2180, 12.7105, -16.8542 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(114, 138, 159)` looks like.

```
.text, #text, p{  
    color:rgb(114, 138, 159)  
}
```

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(114, 138, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 138, 159) }
```

Border

The CSS property to change the border of an element to YUV 133.2180, 12.7105, -16.8542 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(114, 138, 159) }
```


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

```
.border{ border-color:rgb(114, 138, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 138, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 138, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 138, 159);  
box-shadow:4px 4px 4px 4px rgb(114, 138,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 133.2180, 12.7105, -16.8542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 138, 159) }
```

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

```
.background{ background-color: rgb(114,  
138, 159) }
```

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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