

Converting Colors

YUV(135.0700, 17.2205,
-16.7244)

Have a look what the booklet for
YUV(135.0700, 17.2205, -16.7244)
contains.

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Color

**YUV(135.0700, 17.2205,
-16.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	748AAA
RGB	116, 138, 170
RGB Percent	45%, 54%, 67%
CMY	0.5451, 0.4588, 0.3333
CMYK	0.32, 0.19, 0.00, 0.33
HSL	216°, 24%, 56%
HSV	216°, 32%, 67%
XYZ	23.5466, 24.7922, 41.5746
YIQ	135.0700, -23.3840, 5.2880

Conversions

Conversions Part 2

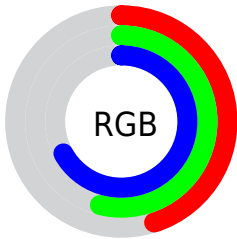
Format	Color
R_{YB}	116, 132, 170
Decimal	7637674
CIE _{Lab}	56.87, -0.08, -19.45
CIE _{LCh}	57, 19.453, 269.769
Y _{xy}	24.7922, 0.2619, 0.2757
Android (android.graphics.Color)	4285827754 (0xFF748AAA)
YUV	135.0700, 17.2205, -16.7244
Hunter-Lab	49.7918, -2.7227, -14.6510

Details

The YUV color $135.0700, 17.2205, -16.7244$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $150.9300, -17.2205, 16.7244$, and the grayscale version is $135.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.2980, 18.0941, -16.9243$, and $84.8420, 16.3469, -16.5244$ is the 20% darker color. If you saturate the color by 10%, you get $124.1170, 22.6203, -22.0276$, and if you desaturate by 10%, it is $146.0230, 11.8207, -11.4212$.

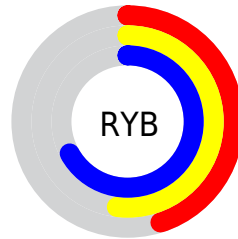
Distribution



Red (45%)

Green (54%)

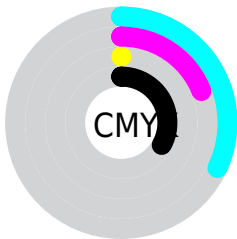
Blue (67%)



Red (45%)

Yellow (52%)

Blue (67%)

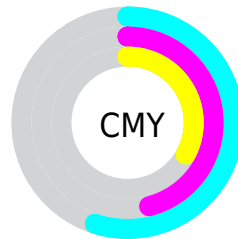


Cyan (32%)

Magenta (19%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.0700, 17.2205, -16.7244 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 135.0700, 17.2205, -16.7244 by changing the saturation by 10% instead.

■ 135.0700, 17.2205,
-16.7244

■ 135.0700, 17.2205,
-16.7244

255.0000, 0.0000,
0.0000

■ 109.5430, 16.4943,
-17.1392

■ 188.2980, 18.0941,
-16.9243

■ 84.8420, 16.3469,
-16.5244

■ 216.4120, 18.5309,
-17.0243

■ 61.0160, 15.7681,
-17.5540

■ 241.9210, 6.4479,
-14.8397

■ 37.8910, 15.3367,
-19.1984

254.7010, 0.1474,
-0.6148

■ 18.8590, 13.8735,
-16.5393

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 135.0700, 17.2205,
-16.7244

■ 135.0700, 17.2205,
-16.7244

■ 124.1170, 22.6203,
-22.0276

■ 146.0230, 11.8207,
-11.4212

■ 113.1640, 28.0201,
-27.3308

■ 156.9760, 6.4208,
-6.1180

■ 102.2110, 33.4200,
-32.6340

■ 167.9290, 1.0210,
-0.8147

■ 91.2580, 38.8198,
-37.9373

■ 178.8820, -4.3788,
4.4885

■ 80.3050, 44.2196,
-43.2405

■ 189.8350, -9.7787,
9.7917

■ 69.3520, 49.6195,
-48.5437

■ 200.7880,
-15.1785, 15.0949

■ 59.8830, 54.2877,
-52.5174

■ 212.3280,
-20.8677, 19.8833

■ 223.2810,
-26.2675, 25.1866

■ 230.0480,
-29.6037, 21.8829

Harmonies

Analogous

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



131.4550, 16.5377, -31.0940



135.0700, 17.2205, -16.7244



137.9690, 13.8193, 0.9042

Triad

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



135.0700, 17.2205, -16.7244



138.1840, -8.9647, 28.7796



131.5820, -6.2029, -17.1734

Complementary

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



135.0700, 17.2205, -16.7244



150.9300, -17.2205, 16.7244

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.



134.1340, -13.3771, -2.7485



135.0700, 17.2205, -16.7244



137.3590, -14.4740, 22.4872

Square

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



135.0700, 17.2205, -16.7244



138.9370, -0.9549, 26.3653



135.5380, -16.0412, 11.8062



129.6110, 3.1498, -30.3538

Rectangle

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



135.0700, 17.2205, -16.7244



139.4820, 9.1294, 11.8553



135.5380, -16.0412, 11.8062



132.2190, -8.9820, -12.4701

Sweetspot

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



135.0700, 17.2205, -16.7244



207.7910, 7.0050, -6.8327



151.2320, -2.0864, -30.8985



103.4170, 4.2314, -3.8737



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



135.0700, 17.2205, -16.7244



167.5340, 26.8517, -25.9013



123.6510, 22.8501, -2.3249



78.6730, 2.6262, -2.3442



52.0920, 47.2826, -45.6847



6.9760, 6.4208, -6.1180

Inverse Universe

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



134.6540, 1.6496, 30.9984



166.9920, 2.4689, 48.2420



162.3490, -22.8501, 2.3249



78.7340, 0.1311, 4.6183



51.0920, 4.3916, 84.9883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 135.0700, 17.2205, -16.7244 looks on a white background.

Color Contrast Check

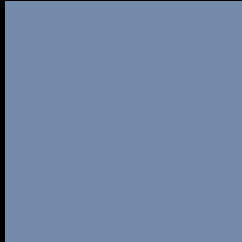
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0700, 17.2205, -16.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

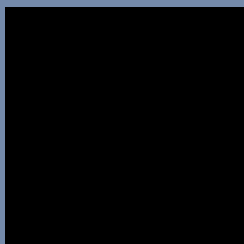
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

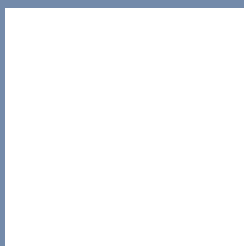
Any Text WCAG AAA × Fail

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

YUV 135.0700, 17.2205, -16.7244 Background



This preview shows how black text looks on a background with the YUV color 135.0700, 17.2205, -16.7244.



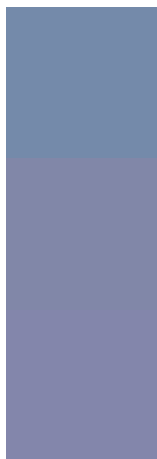
This preview shows how white text looks on a background with the YUV color 135.0700, 17.2205, -16.7244.

-16.7244.

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

135.0700, 17.2205, -16.7244

Protanopia

136.9680, 15.2988, -6.9879

Deuteranopia

137.3210, 16.6037, -5.5435



Tritanopia

133.5830, 9.0796, -18.9283

Trichromacy



Original Color

135.0700, 17.2205, -16.7244

Protanomaly

136.1740, 16.1832, -10.6766

Deuteranomaly

136.4130, 17.0514, -9.1322

Tritanomaly

134.0930, 12.2792, -18.4986

Monochromacy



Original Color

135.0700, 17.2205, -16.7244

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0700, 17.2205, -16.7244 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(116, 138, 170)` looks like.

```
.text, #text, p{  
    color:rgb(116, 138, 170)  
}
```

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(116, 138, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 138, 170) }
```

Border

The CSS property to change the border of an element to YUV 135.0700, 17.2205, -16.7244 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(116, 138, 170) }
```


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

```
.border{ border-color:rgb(116, 138, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 138, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 138, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 138, 170);  
box-shadow:4px 4px 4px 4px rgb(116, 138,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 135.0700, 17.2205, -16.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 138, 170) }
```

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

```
.background{ background-color: rgb(116,  
138, 170) }
```

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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