

Converting Colors

YUV(133.6190, 17.9358,
-12.8209)

Have a look what the booklet for
YUV(133.6190, 17.9358, -12.8209)
contains.

YUV(133.6190, 17.9358, -12.8209)	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(133.6190, 17.9358,
-12.8209)**

Conversions

Conversions Part 1

Format	Color
Hex	7786AA
RGB	119, 134, 170
RGB Percent	47%, 53%, 67%
CMY	0.5333, 0.4745, 0.3333
CMYK	0.30, 0.21, 0.00, 0.33
HSL	222°, 23%, 57%
HSV	222°, 30%, 67%
XYZ	23.3885, 23.8744, 41.4057
YIQ	133.6190, -20.4960, 8.0160

Conversions

Conversions Part 2

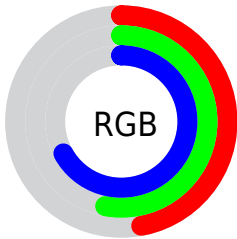
Format	Color
R_{YB}	119, 131, 170
Decimal	7833258
CIE _{Lab}	55.96, 3.14, -20.83
CIE _{LCh}	56, 21.062, 278.580
Yxy	23.8744, 0.2638, 0.2693
Android (android.graphics.Color)	4286023338 (0xFF7786AA)
YUV	133.6190, 17.9358, -12.8209
Hunter-Lab	48.8614, -0.0648, -16.0400

Details


The YUV color $133.6190, 17.9358, -12.8209$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $155.3810, -17.9358, 12.8209$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.8470, 18.8094, -13.0208$, and $83.9780, 16.7728, -13.1357$ is the 20% darker color. If you saturate the color by 10%, you get $121.4920, 23.9144, -17.0945$, and if you desaturate by 10%, it is $145.7460, 11.9572, -8.5472$.

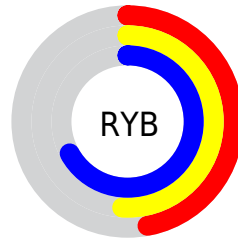
Distribution



 Red (47%)

 Green (53%)

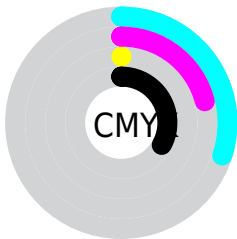
 Blue (67%)



 Red (47%)

 Yellow (51%)

 Blue (67%)

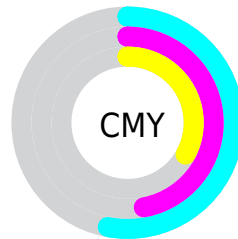


 Cyan (30%)


 Magenta (21%)

 Yellow (0%)

 Black (33%)



 Cyan (53%)

 Magenta (47%)

 Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6190, 17.9358, -12.8209 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 133.6190, 17.9358, -12.8209 by changing the saturation by 10% instead.

■ 133.6190, 17.9358,
-12.8209

■ 133.6190, 17.9358,
-12.8209

255.0000, 0.0000,
0.0000

■ 108.3910, 17.0622,
-12.6209

■ 186.8470, 18.8094,
-13.0208

■ 83.9780, 16.7728,
-13.1357

■ 214.9610, 19.2462,
-13.1208

■ 60.4510, 16.0467,
-13.5505

■ 239.8830, 7.4527,
-10.4214

■ 37.3260, 15.6153,
-15.1949

■ 16.5110, 15.0311,
-14.4801

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 133.6190, 17.9358,
-12.8209

■ 133.6190, 17.9358,
-12.8209

■ 121.4920, 23.9144,
-17.0945

■ 145.7460, 11.9572,
-8.5472

■ 109.3650, 29.8931,
-21.3681

■ 157.8730, 5.9786,
-4.2736

■ 97.2380, 35.8717,
-25.6417

■ 170.0000, 0.0000,
0.0000

■ 85.1110, 41.8503,
-29.9153

■ 182.1270, -5.9786,
4.2736

■ 72.9840, 47.8289,
-34.1890

■ 194.2540,
-11.9572, 8.5472

■ 60.8570, 53.8075,
-38.4626

■ 206.3810,
-17.9358, 12.8209

■ 48.7300, 59.7861,
-42.7362

■ 218.5080,
-23.9144, 17.0945

■ 230.6350,
-29.8931, 21.3681

■ 237.6790,
-33.3657, 15.1905

Harmonies

Analogous

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



129.7370, 18.8637, -30.4643



133.6190, 17.9358, -12.8209



136.7740, 12.9294, 6.3372

Triad

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



133.6190, 17.9358, -12.8209



135.5000, -11.5855, 29.3795



127.8200, -3.8553, -23.5211

Complementary

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



133.6190, 17.9358, -12.8209



155.3810, -17.9358, 12.8209

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.



130.6280, -12.6346, -7.5668



133.6190, 17.9358, -12.8209



134.1910, -16.3632, 21.7575

Square

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



133.6190, 17.9358, -12.8209



136.8620, -3.8760, 29.9390



132.8750, -17.1934, 8.0026



125.7890, 6.5130, -35.7720

Rectangle

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



133.6190, 17.9358, -12.8209



137.1730, 7.8027, 17.3883



132.8750, -17.1934, 8.0026



128.7560, -6.7817, -18.2030

Sweetspot

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



133.6190, 17.9358, -12.8209



207.8020, 6.9996, -5.0884



153.0410, 0.9658, -29.8540



103.1290, 4.3734, -2.7441



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.



133.6190, 17.9358, -12.8209



164.6210, 28.2878, -19.8386



127.8040, 20.8026, 1.0489



78.0860, 2.9156, -1.8294



42.1130, 52.2023, -36.9331



5.8020, 6.9996, -5.0884

Inverse Universe

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



135.9590, -0.9658, 29.8540



168.5420, -1.7462, 46.8827



161.1960, -20.8026, -1.0489



78.6200, -0.3057, 4.7183



49.1540, -3.0339, 86.6879



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 133.6190, 17.9358, -12.8209 looks on a white background.

Color Contrast Check

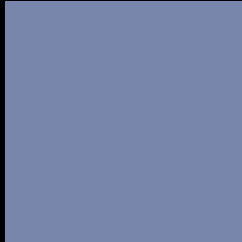
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.6190, 17.9358, -12.8209 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

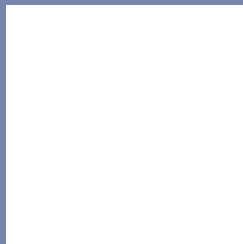
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.6190, 17.9358, -12.8209

Background



This preview shows how black text looks on a background with the YUV color 133.6190, 17.9358, -12.8209.



This preview shows how white text looks on a background with the YUV color 133.6190, 17.9358, -12.8209.

-12.8209.

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

133.6190, 17.9358, -12.8209

Protanopia

134.1250, 17.1934, -8.0026

Deuteranopia

134.6630, 17.9141, -5.8435



Tritanopia

132.0780, 8.3425, -15.8544

Trichromacy



Original Color

133.6190, 17.9358, -12.8209

Protanomaly

134.1140, 17.1988, -9.7470

Deuteranomaly

134.3530, 18.0670, -8.2026

Tritanomaly

133.0010, 11.8315, -14.9099

Monochromacy



Original Color

133.6190, 17.9358, -12.8209

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6190, 17.9358, -12.8209 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(119, 134, 170)` looks like.

```
.text, #text, p{  
    color:rgb(119, 134, 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(119, 134, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 134, 170) }
```

Border

The CSS property to change the border of an element to YUV 133.6190, 17.9358, -12.8209 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(119, 134, 170) }
```


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

```
.border{ border-color:rgb(119, 134, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 134, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 134, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 134, 170);  
box-shadow:4px 4px 4px 4px rgb(119, 134,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 133.6190, 17.9358, -12.8209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 134, 170) }
```

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

```
.background{ background-color: rgb(119,  
134, 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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