

Converting Colors

YUV(133.1980, 12.7204,
-66.8256)

Have a look what the booklet for
YUV(133.1980, 12.7204, -66.8256)
contains.

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Color

**YUV(133.1980, 12.7204,
-66.8256)**

Conversions

Conversions Part 1

Format	Color
Hex	39A79F
RGB	57, 167, 159
RGB Percent	22%, 65%, 62%
CMY	0.7765, 0.3451, 0.3765
CMYK	0.66, 0.00, 0.05, 0.35
HSL	176°, 49%, 44%
HSV	176°, 66%, 65%
XYZ	21.7641, 31.0105, 37.6394
YIQ	133.1980, -62.9920, -25.8080

Conversions

Conversions Part 2

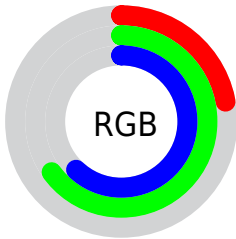
Format	Color
RYB	57, 114, 167
Decimal	3778463
CIELab	62.52, -32.54, -4.99
CIELCh	63, 32.920, 188.721
Yxy	31.0105, 0.2407, 0.3430
Android (android.graphics.Color)	4281968543 (0xFF39A79F)
YUV	133.1980, 12.7204, -66.8256
Hunter-Lab	55.6871, -27.6896, -1.0937

Details

The YUV color **133.1980, 12.7204, -66.8256** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **90.8020, -12.7204, 66.8256**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5790, 11.5466, -63.6518**, and **79.2300, 14.1836, -69.4847** is the 20% darker color. If you saturate the color by 10%, you get **128.0010, 14.7895, -77.1769**, and if you desaturate by 10%, it is **138.3950, 10.6513, -56.4744**.

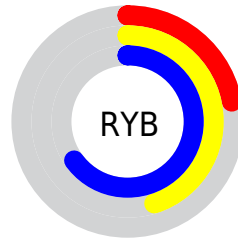
Distribution



Red (22%)

Green (65%)

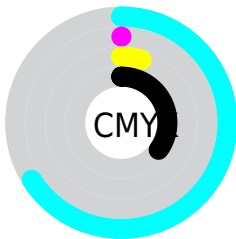
Blue (62%)



Red (22%)

Yellow (45%)

Blue (65%)

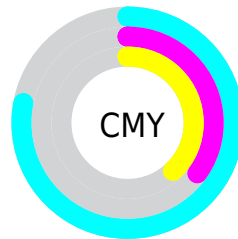


Cyan (66%)

Magenta (0%)

Yellow (5%)

Black (35%)



Cyan (78%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1980, 12.7204, -66.8256 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 133.1980, 12.7204, -66.8256 by changing the saturation by 10% instead.

■ 133.1980, 12.7204,
-66.8256

■ 133.1980, 12.7204,
-66.8256

■ 255.0000, 0.0000,
0.0000

■ 100.9300, 15.8105,
-77.9916

■ 190.5790, 11.5466,
-63.6518

■ 79.2300, 14.1836,
-69.4847

■ 218.8780, 11.3991,
-63.0370

■ 61.8190, 10.9352,
-54.2153

■ 231.3790, 11.6452,
-48.5674

■ 44.9950, 7.3975,
-39.4606

■ 240.0500, 7.3704,
-30.7388

■ 29.6870, 4.5913,
-26.0355

■ 249.0200, 2.9481,
-12.2955

■ 12.1450, 3.3795,
-10.6512

■ 0.0000, 0.0000,

0.0000

■ 133.1980, 12.7204,
-66.8256

■ 133.1980, 12.7204,
-66.8256

■ 128.0010, 14.7895,
-77.1769

■ 138.3950, 10.6513,
-56.4744

■ 123.1030, 16.7112,
-86.9133

■ 143.2930, 8.7296,
-46.7380

■ 117.7920, 18.3435,
-97.1646

■ 148.6040, 7.0972,
-36.4867

■ 115.6990, 19.3754,
-101.4680

■ 153.8010, 5.0281,
-26.1355

■ 158.6990, 3.1064,
-16.3990

■ 163.8960, 1.0373,
-6.0478

■ 169.2070, -0.5951,
4.2035

■ 174.4040, -2.6642,
14.5547

■ 179.3020, -4.5859,
24.2911

Harmonies

Analogous

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



139.9660, -5.4062, -39.4352



133.1980, 12.7204, -66.8256



129.5350, 28.3302, -80.2762

Triad

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



133.1980, 12.7204, -66.8256



154.8590, 20.7755, 9.7707



150.6240, -26.4366, 32.7788

Complementary

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



133.1980, 12.7204, -66.8256



90.8020, -12.7204, 66.8256

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.



152.5900, -18.0389, 45.9636



133.1980, 12.7204, -66.8256



155.5110, 8.6221, 34.6319

Square

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



133.1980, 12.7204, -66.8256



149.5390, 29.3143, -22.3977



154.3310, -5.0932, 47.0677



148.2640, -27.2452, 12.0465

Rectangle

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



133.1980, 12.7204, -66.8256



135.5350, 31.7812, -67.1212



154.3310, -5.0932, 47.0677



151.5260, -24.4163, 38.1267

Sweetspot

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



133.1980, 12.7204, -66.8256



203.5020, 5.1755, -26.7503



124.2610, -33.1597, -51.0949



101.6990, 3.1064, -16.3990



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.



133.1980, 12.7204, -66.8256



164.3890, 19.5282, -103.8272



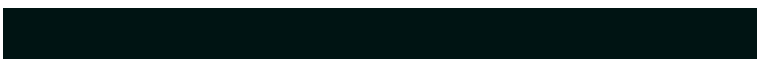
107.1080, 29.5268, -43.9447



81.6080, 1.1793, -4.9182



102.4940, 17.0115, -89.8872



13.9060, 2.5113, -12.1956

Inverse Universe

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



90.8020, -12.7204, 66.8256



98.4970, -19.9650, 103.9271



116.8920, -29.5268, 43.9447



78.3920, -1.1793, 4.9182



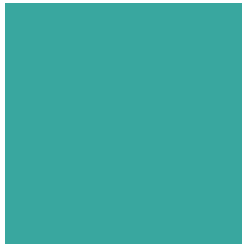
45.5060, -17.0115, 89.8872



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 133.1980, 12.7204, -66.8256 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 133.1980, 12.7204, -66.8256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

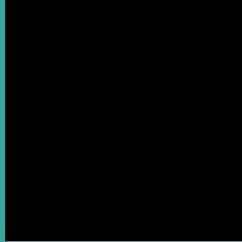
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 133.1980, 12.7204, -66.8256 Background



This preview shows how black text looks on a background with the YUV color 133.1980, 12.7204, -66.8256.



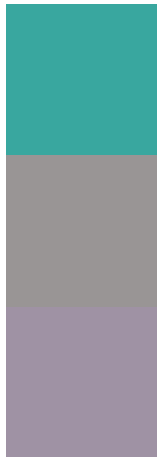
This preview shows how white text looks on a background with the YUV color 133.1980, 12.7204, -66.8256.

-66.8256.

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

133.1980, 12.7204, -66.8256

Protanopia

150.1960, -0.5896, 2.4591

Deuteranopia

151.9390, 5.9461, 6.1925



Tritanopia

136.2940, 20.5611, -61.6478

Trichromacy



Original Color

133.1980, 12.7204, -66.8256

Protanomaly

144.2960, 4.2911, -23.0616

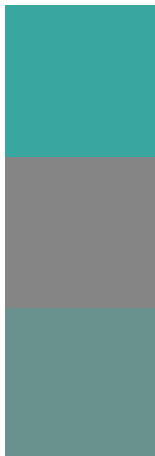
Deuteranomaly

145.3440, 8.2114, -20.4727

Tritanomaly

135.1860, 17.6563, -63.3071

Monochromacy



Original Color

133.1980, 12.7204, -66.8256

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.6980, 4.5859, -24.2911

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1980, 12.7204, -66.8256 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(57, 167, 159)` looks like.

```
.text, #text, p{  
    color:rgb(57, 167, 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(57, 167, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 167, 159) }
```

Border

The CSS property to change the border of an element to YUV 133.1980, 12.7204, -66.8256 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(57, 167, 159) }
```


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

```
.border{ border-color:rgb(57, 167, 159) }
```

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

Here you see how a box with a 4 pixel rgb(57, 167, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 167, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 167, 159);  
box-shadow:4px 4px 4px 4px rgb(57, 167,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 133.1980, 12.7204, -66.8256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 167, 159) }
```

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

```
.background{ background-color: rgb(57, 167,  
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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