

Converting Colors

YUV(133.9170, 12.3659,
-46.4082)

Have a look what the booklet for
YUV(133.9170, 12.3659, -46.4082)
contains.

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Color

**YUV(133.9170, 12.3659,
-46.4082)**

Conversions

Conversions Part 1

Format	Color
Hex	519C9F
RGB	81, 156, 159
RGB Percent	32%, 61%, 62%
CMY	0.6824, 0.3882, 0.3765
CMYK	0.49, 0.02, 0.00, 0.38
HSL	182°, 32%, 47%
HSV	182°, 49%, 62%
XYZ	21.5398, 28.0295, 37.0758
YIQ	133.9170, -45.6630, -14.9670

Conversions

Conversions Part 2

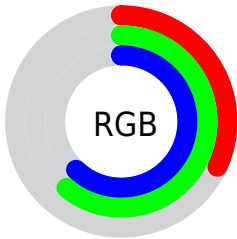
Format	Color
R_{YB}	81, 119, 159
Decimal	5348511
CIE _{Lab}	59.92, -22.38, -8.77
CIE _{LCh}	60, 24.039, 201.401
Yxy	28.0295, 0.2486, 0.3235
Android (android.graphics.Color)	4283538591 (0xFF519C9F)
YUV	133.9170, 12.3659, -46.4082
Hunter-Lab	52.9429, -20.0273, -4.4607

Details

The YUV color **133.9170, 12.3659, -46.4082** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **106.0830, -12.3659, 46.4082**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.9170, 12.3659, -46.4082**, and **79.0410, 14.2768, -52.6560** is the 20% darker color. If you saturate the color by 10%, you get **128.5460, 15.0138, -55.7298**, and if you desaturate by 10%, it is **139.2880, 9.7180, -37.0866**.

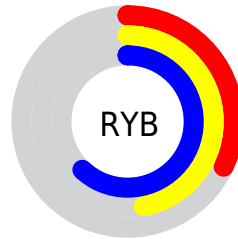
Distribution



Red (32%)

Green (61%)

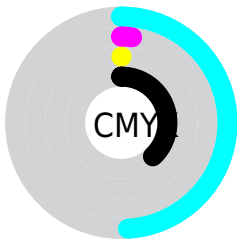
Blue (62%)



Red (32%)

Yellow (47%)

Blue (62%)

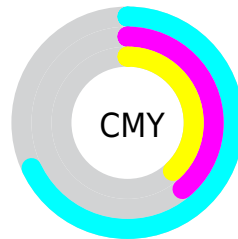


Cyan (49%)

Magenta (2%)

Yellow (0%)

Black (38%)



Cyan (68%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9170, 12.3659, -46.4082 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 133.9170, 12.3659, -46.4082 by changing the saturation by 10% instead.

■ 133.9170, 12.3659,
-46.4082

■ 133.9170, 12.3659,
-46.4082

■ 255.0000, 0.0000,
0.0000

■ 107.3190, 12.6607,
-47.6378

■ 188.9170, 12.3659,
-46.4082

■ 79.0410, 14.2768,
-52.6560

■ 216.9170, 12.3659,
-46.4082

■ 56.4220, 13.1030,
-49.4821

■ 236.1630, 9.2866,
-38.7310

■ 40.2990, 9.7126,
-35.3422

■ 244.8340, 5.0118,
-20.9024

■ 24.9910, 6.9064,
-21.9171

■ 253.8040, 0.5896,
-2.4591

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 133.9170, 12.3659,
-46.4082

■ 133.9170, 12.3659,
-46.4082

■ 128.5460, 15.0138,
-55.7298

■ 139.2880, 9.7180,
-37.0866

■ 123.7620, 17.3723,
-65.5663

■ 144.0720, 7.3595,
-27.2501

■ 118.3910, 20.0202,
-74.8879

■ 149.4430, 4.7116,
-17.9285

■ 113.6070, 22.3787,
-84.7243

■ 154.2270, 2.3531,
-8.0921

■ 108.2360, 25.0267,
-94.0460

■ 159.5980, -0.2948,
1.2296

■ 107.9370, 25.1741,
-94.6607

■ 164.6700, -2.7953,
9.9364

■ 169.4540, -5.1538,
19.7728

■ 174.8250, -7.8017,
29.0945

■ 180.1960,
-10.4496, 38.4161

Harmonies

Analogous

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



135.8940, 0.5453, -34.9870



133.9170, 12.3659, -46.4082



135.4040, 20.5068, -44.2043

Triad

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



133.9170, 12.3659, -46.4082



147.7860, 11.4445, 15.9737



143.8440, -20.1361, 18.5538

Complementary

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



133.9170, 12.3659, -46.4082



106.0830, -12.3659, 46.4082

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.



145.5450, -16.5377, 31.0940



133.9170, 12.3659, -46.4082



147.3550, 1.7970, 30.3837

Square

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



133.9170, 12.3659, -46.4082



145.3040, 19.0771, -5.5286



146.4560, -8.1128, 35.5571



141.9020, -18.1927, 1.8399

Rectangle

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



133.9170, 12.3659, -46.4082



138.9260, 22.2215, -34.1381



146.4560, -8.1128, 35.5571



144.6920, -19.5682, 23.0721

Sweetspot

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



133.9170, 12.3659, -46.4082



196.5570, 5.1484, -18.0285



127.1280, -21.2621, -40.4543



98.7320, 3.0901, -11.1660



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.



133.9170, 12.3659, -46.4082



167.5870, 19.4306, -72.4288



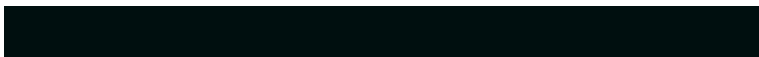
111.0240, 23.6522, -26.3310



76.6080, 1.1793, -4.9182



96.7210, 22.8155, -84.8243



10.5150, 2.2111, -9.2217

Inverse Universe

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



112.8720, 21.2621, 40.4543



134.8160, 33.1217, 63.3054



128.9760, -23.6522, 26.3310



74.3040, 2.3151, 4.1184



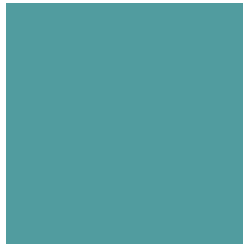
58.3750, 38.7621, 74.2161



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 133.9170, 12.3659, -46.4082 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 133.9170, 12.3659, -46.4082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

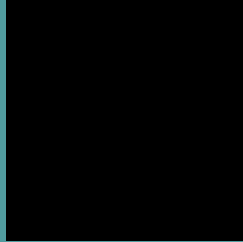
Any Text WCAG AA ✓ Pass

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 133.9170, 12.3659, -46.4082 Background



This preview shows how black text looks on a background with the YUV color 133.9170, 12.3659, -46.4082.

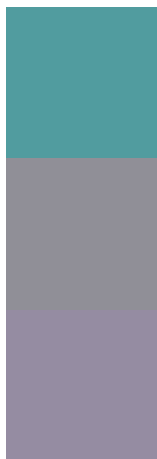


This preview shows how white text looks on a background with the YUV color 133.9170, 12.3659, -46.4082.

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

133.9170, 12.3659, -46.4082

Protanopia

144.2110, 3.3470, -0.1850

Deuteranopia

145.1990, 8.2829, 3.3335



Tritanopia

135.1390, 15.7075, -44.8489

Trichromacy



Original Color

133.9170, 12.3659, -46.4082

Protanomaly

140.6110, 6.6008, -17.1988

Deuteranomaly

141.1320, 9.7949, -15.0248

Tritanomaly

134.4980, 14.5445, -45.1637

Monochromacy



Original Color

133.9170, 12.3659, -46.4082

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0410, 4.4168, -16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9170, 12.3659, -46.4082 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(81, 156, 159)` looks like.

```
.text, #text, p{  
    color:rgb(81, 156, 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(81, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 156, 159) }
```

Border

The CSS property to change the border of an element to YUV 133.9170, 12.3659, -46.4082 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(81, 156, 159) }
```


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

```
.border{ border-color:rgb(81, 156, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 156, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 156, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 156, 159);  
box-shadow:4px 4px 4px 4px rgb(81, 156,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 133.9170, 12.3659, -46.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 156, 159) }
```

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

```
.background{ background-color: rgb(81, 156,  
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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