

Converting Colors

YUV(134.8050, 18.8301,
-66.4810)

Have a look what the booklet for
YUV(134.8050, 18.8301, -66.4810)
contains.

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Color

**YUV(134.8050, 18.8301,
-66.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	3BA6AD
RGB	59, 166, 173
RGB Percent	23%, 65%, 68%
CMY	0.7686, 0.3490, 0.3216
CMYK	0.66, 0.04, 0.00, 0.32
HSL	184°, 49%, 45%
HSV	184°, 66%, 68%
XYZ	22.9827, 31.2194, 44.3498
YIQ	134.8050, -66.0190, -20.5070

Conversions

Conversions Part 2

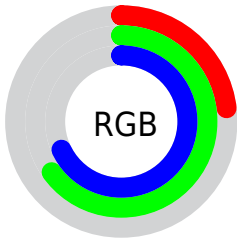
Format	Color
RYB	59, 114, 173
Decimal	3909293
CIELab	62.69, -27.69, -12.58
CIElCh	63, 30.414, 204.428
Yxy	31.2194, 0.2332, 0.3168
Android (android.graphics.Color)	4282099373 (0xFF3BA6AD)
YUV	134.8050, 18.8301, -66.4810
Hunter-Lab	55.8743, -24.3579, -7.9490




Details

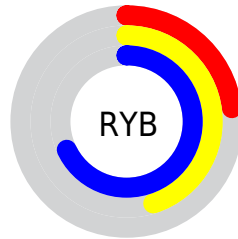
The YUV color **134.8050, 18.8301, -66.4810** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **97.1950, -18.8301, 66.4810**, and the grayscale version is **135.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **191.5990, 17.9457, -62.7923**, and **80.7120, 19.8620, -70.7844** is the 20% darker color. If you saturate the color by 10%, you get **129.1350, 21.6254, -76.4174**, and if you desaturate by 10%, it is **140.4750, 16.0348, -56.5446**.

Distribution







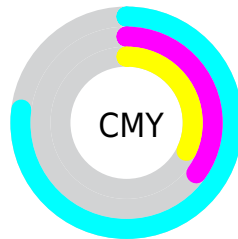
-  Red (23%)
-  Green (65%)
-  Blue (68%)






-  Red (23%)
-  Yellow (45%)
-  Blue (68%)



-  Cyan (66%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (77%)
-  Magenta (35%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8050, 18.8301, -66.4810 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 134.8050, 18.8301, -66.4810 by changing the saturation by 10% instead.

■ 134.8050, 18.8301,
-66.4810

■ 134.8050, 18.8301,
-66.4810

■ 255.0000, 0.0000,
0.0000

■ 102.7220, 21.3361,
-76.9322

■ 191.5990, 17.9457,
-62.7923

■ 80.7120, 19.8620,
-70.7844

■ 220.6700, 16.9247,
-61.9776

■ 63.1870, 16.1768,
-55.4150

■ 232.2760, 11.2029,
-46.7231

■ 46.3630, 12.6390,
-40.6604

■ 240.9470, 6.9281,
-28.8945

■ 30.3540, 9.6855,
-26.6205

■ 249.9170, 2.5059,
-10.4512

■ 13.8720, 7.4581,
-12.1657

■ 0.0000, 0.0000,

0.0000

■ 134.8050, 18.8301,
-66.4810

■ 134.8050, 18.8301,
-66.4810

■ 129.1350, 21.6254,
-76.4174

■ 140.4750, 16.0348,
-56.5446

■ 123.1660, 24.5682,
-86.9686

■ 146.4440, 13.0921,
-45.9934

■ 117.4960, 27.3635,
-96.9050

■ 152.1140, 10.2968,
-36.0570

■ 114.8160, 28.6847,
-100.6936

■ 157.7840, 7.5015,
-26.1206

■ 163.7530, 4.5588,
-15.5694

■ 169.4230, 1.7635,
-5.6330

■ 175.0930, -1.0318,
4.3034

■ 180.7630, -3.8272,
14.2398

■ 187.3190, -7.0593,
24.2762

Harmonies

Analogous

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



139.0880, 2.9146, -48.3122



134.8050, 18.8301, -66.4810



138.5420, 27.8338, -60.9883

Triad

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



134.8050, 18.8301, -66.4810



155.4000, 13.6068, 22.4512



150.3730, -25.8199, 21.5979

Complementary

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



134.8050, 18.8301, -66.4810



97.1950, -18.8301, 66.4810

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.



152.3240, -21.3587, 37.4269



134.8050, 18.8301, -66.4810



155.5950, 1.1857, 39.8202

Square

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



134.8050, 18.8301, -66.4810



152.8680, 23.7291, -4.2692



153.7130, -11.1975, 44.9787



147.7400, -22.5498, -0.6490

Rectangle

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



134.8050, 18.8301, -66.4810



143.6950, 29.2374, -44.4595



153.7130, -11.1975, 44.9787



151.2320, -25.2574, 27.8605

Sweetspot

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



134.8050, 18.8301, -66.4810



209.6700, 7.0647, -26.0206



126.6020, -30.3698, -59.2870



103.3400, 4.2694, -16.0842



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.



134.8050, 18.8301, -66.4810



165.2070, 28.9849, -103.6675



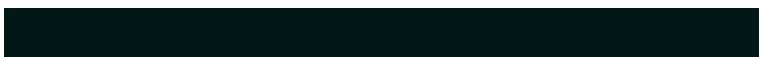
101.9330, 35.0360, -37.6522



83.7220, 1.6161, -5.0182



99.8670, 24.7156, -87.5834



15.5360, 3.6798, -13.6251

Inverse Universe

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



105.2840, 29.9330, 59.3869



118.9610, 46.8542, 92.1192



130.0670, -35.0360, 37.6522



81.6030, 2.1677, 4.7332



60.9240, 39.4775, 78.1197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 134.8050, 18.8301, -66.4810 looks on a white background.

Color Contrast Check

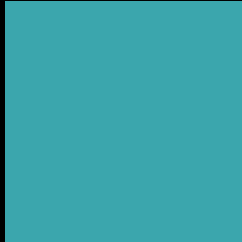
Large Text (above 18pt) WCAG AA × Fail

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 134.8050, 18.8301, -66.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

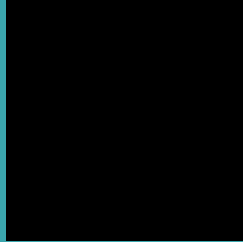
Any Text WCAG AA ✓ Pass

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 134.8050, 18.8301, -66.4810 Background



This preview shows how black text looks on a background with the YUV color 134.8050, 18.8301, -66.4810.

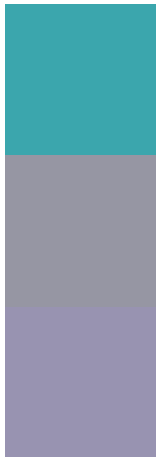


This preview shows how white text looks on a background with the YUV color 134.8050, 18.8301, -66.4810.

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

134.8050, 18.8301, -66.4810

Protanopia

151.4820, 5.6784, -1.2997

Deuteranopia

151.9150, 12.3669, 0.0745



Tritanopia

135.7990, 21.2981, -64.7217

Trichromacy



Original Color

134.8050, 18.8301, -66.4810

Protanomaly

145.5930, 10.5537, -25.0761

Deuteranomaly

145.7440, 14.9162, -24.3315

Tritanomaly

135.2720, 20.5719, -65.1365

Monochromacy



Original Color

134.8050, 18.8301, -66.4810

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.6810, 7.0593, -24.2762

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8050, 18.8301, -66.4810 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(59, 166, 173)` looks like.

```
.text, #text, p{  
    color:rgb(59, 166, 173)  
}
```

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(59, 166, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 166, 173) }
```

Border

The CSS property to change the border of an element to YUV 134.8050, 18.8301, -66.4810 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(59, 166, 173) }
```


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

```
.border{ border-color:rgb(59, 166, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 166, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 166, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 166, 173);  
box-shadow:4px 4px 4px 4px rgb(59, 166,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 134.8050, 18.8301, -66.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 166, 173) }
```

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

```
.background{ background-color: rgb(59, 166,  
173) }
```

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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