

Converting Colors

YUV(134.9050, 30.6128,
-65.6917)

Have a look what the booklet for
YUV(134.9050, 30.6128, -65.6917)
contains.

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Color

**YUV(134.9050, 30.6128,
-65.6917)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA1C5
RGB	60, 161, 197
RGB Percent	24%, 63%, 77%
CMY	0.7647, 0.3686, 0.2275
CMYK	0.70, 0.18, 0.00, 0.23
HSL	196°, 54%, 50%
HSV	196°, 70%, 77%
XYZ	24.6864, 30.4816, 57.4058
YIQ	134.9050, -71.7520, -10.2160

Conversions

Conversions Part 2

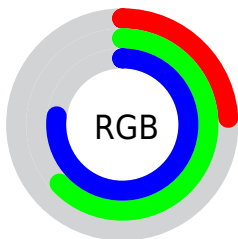
Format	Color
RYB	60, 118, 197
Decimal	3973573
CIELab	62.07, -17.48, -26.97
CIELCh	62, 32.142, 237.047
Yxy	30.4816, 0.2193, 0.2708
Android (android.graphics.Color)	4282163653 (0xFF3CA1C5)
YUV	134.9050, 30.6128, -65.6917
Hunter-Lab	55.2102, -16.8042, -23.0007

Details

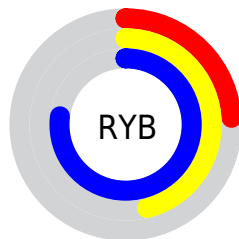
The YUV color **134.9050, 30.6128, -65.6917** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **122.0950, -30.6128, 65.6917**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5250, 30.3072, -60.9734**, and **80.2850, 30.9185, -70.4099** is the 20% darker color. If you saturate the color by 10%, you get **125.9900, 35.0079, -75.4132**, and if you desaturate by 10%, it is **143.8200, 26.2177, -55.9701**.

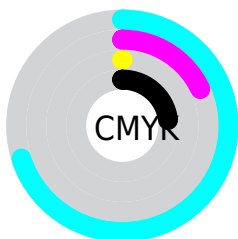
Distribution



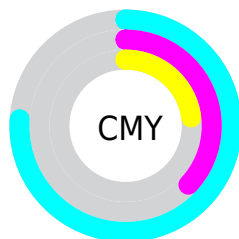
- Red (24%)
- Green (63%)
- Blue (77%)



- Red (24%)
- Yellow (46%)
- Blue (77%)



- Cyan (70%)
- Magenta (18%)
- Yellow (0%)
- Black (23%)



- Cyan (76%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.9050, 30.6128, -65.6917 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 134.9050, 30.6128, -65.6917 by changing the saturation by 10% instead.

134.9050, 30.6128,
-65.6917

134.9050, 30.6128,
-65.6917

255.0000, 0.0000,
0.0000

101.6150, 33.7138,
-80.3464

192.5250, 30.3072,
-60.9734

80.2850, 30.9185,
-70.4099

218.0450, 18.2188,
-57.0445

63.2330, 26.5071,
-55.4553

233.4720, 10.6133,
-44.2639

46.9960, 22.6800,
-41.2155

242.4420, 6.1911,
-25.8206

31.3460, 18.5634,
-27.4904

251.4120, 1.7689,
-7.3773

15.2230, 15.1731,
-13.3506

3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 134.9050, 30.6128,
-65.6917

■ 134.9050, 30.6128,
-65.6917

■ 125.9900, 35.0079,
-75.4132

■ 143.8200, 26.2177,
-55.9701

■ 117.3740, 39.2556,
-84.5200

■ 152.4360, 21.9701,
-46.8634

■ 107.8720, 43.9401,
-93.7267

■ 161.9380, 17.2856,
-37.6566

■ 107.5730, 44.0875,
-94.3415

■ 170.8530, 12.8905,
-27.9351

■ 179.7680, 8.4954,
-18.2135

■ 188.3840, 4.2477,
-9.1068

■ 197.2990, -0.1474,
0.6148

■ 206.2140, -4.5425,
10.3363

■ 215.4170, -9.0796,
18.9283

Harmonies

Analogous

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



129.9610, 22.2042, -75.3878



134.9050, 30.6128, -65.6917



145.2770, 29.9364, -35.3229

Triad

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



134.9050, 30.6128, -65.6917



153.0900, 0.4486, 42.8941



145.2020, -23.2706, -2.8082

Complementary

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



134.9050, 30.6128, -65.6917



122.0950, -30.6128, 65.6917

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.



148.3190, -27.2723, 20.7682



134.9050, 30.6128, -65.6917



151.9690, -12.8027, 46.5082

Square

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



134.9050, 30.6128, -65.6917



154.0090, 13.3066, 25.4251



150.1670, -23.2533, 38.4415



141.1370, -11.4065, -28.1841

Rectangle

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



134.9050, 30.6128, -65.6917



150.2090, 26.5190, -12.4613



150.1670, -23.2533, 38.4415



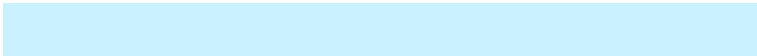
146.3880, -25.3343, 5.7987

Sweetspot

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



134.9050, 30.6128, -65.6917



230.6360, 12.0115, -25.9908



144.2950, -24.7954, -73.9267



113.1490, 7.3215, -15.0397



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



134.9050, 30.6128, -65.6917



158.7400, 47.4562, -101.5040



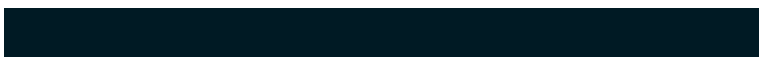
95.5760, 50.0020, -31.2002



95.1350, 1.9054, -4.5034



89.0220, 36.4712, -78.0723



19.3660, 8.2006, -16.9840

Inverse Universe

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



112.4770, 23.9218, 74.1267



124.1720, 36.8902, 114.7362



161.4240, -50.0020, 31.2002



93.4890, 1.7309, 4.8331



62.4170, 28.3884, 88.2113



13.7280, 6.0501, 19.5325

Previews

White Background



This preview shows how the YUV color 134.9050, 30.6128, -65.6917 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 134.9050, 30.6128, -65.6917 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 134.9050, 30.6128, -65.6917 Background



This preview shows how black text looks on a background with the YUV color 134.9050, 30.6128, -65.6917.

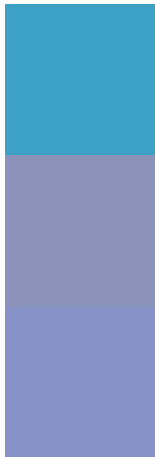


This preview shows how white text looks on a background with the YUV color 134.9050, 30.6128, -65.6917.

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

134.9050, 30.6128, -65.6917

Protanopia

149.1680, 18.6512, -8.9173

Deuteranopia

149.4540, 24.9192, -12.6762



Tritanopia

130.6130, 23.3618, -73.3286

Trichromacy



Original Color

134.9050, 30.6128, -65.6917

Protanomaly

143.8880, 23.2262, -29.7198

Deuteranomaly

144.2020, 27.0154, -31.7492

Tritanomaly

132.3190, 25.9717, -70.4398

Monochromacy



Original Color

134.9050, 30.6128, -65.6917

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.8320, 11.4218, -23.5317

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.9050, 30.6128, -65.6917 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(60, 161, 197)` looks like.

```
.text, #text, p{  
    color:rgb(60, 161, 197)  
}
```

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(60, 161, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 161, 197) }
```

Border

The CSS property to change the border of an element to YUV 134.9050, 30.6128, -65.6917 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(60, 161, 197) }
```


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

```
.border{ border-color:rgb(60, 161, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 161, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 161, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 161, 197);  
box-shadow:4px 4px 4px 4px rgb(60, 161,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 134.9050, 30.6128, -65.6917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 161, 197) }
```

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

```
.background{ background-color: rgb(60, 161,  
197) }
```

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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