

Converting Colors

YUV(178.0240, -6.9138,
-69.3040)

Have a look what the booklet for
YUV(178.0240, -6.9138, -69.3040)
contains.

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Color

**YUV(178.0240, -6.9138,
-69.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	63DDA4
RGB	99, 221, 164
RGB Percent	39%, 87%, 64%
CMY	0.6118, 0.1333, 0.3569
CMYK	0.55, 0.00, 0.26, 0.13
HSL	152°, 64%, 63%
HSV	152°, 55%, 87%
XYZ	37.7029, 57.0459, 44.1458
YIQ	178.0240, -54.4150, -43.5910

Conversions

Conversions Part 2

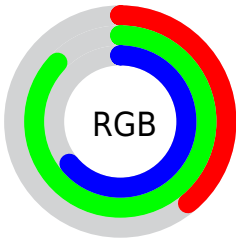
Format	Color
RYB	99, 179, 221
Decimal	6544804
CIELab	80.21, -47.30, 17.84
CIElCh	80, 50.553, 159.329
Yxy	57.0459, 0.2714, 0.4107
Android (android.graphics.Color)	4284734884 (0xFF63DDA4)
YUV	178.0240, -6.9138, -69.3040
Hunter-Lab	75.5287, -43.0706, 18.2157

Details

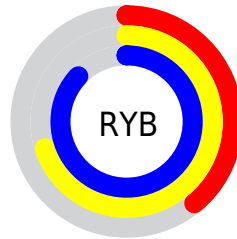
The YUV color **178.0240, -6.9138, -69.3040** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **141.9760, 6.9138, 69.3040**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8930, -1.4262, -56.0342**, and **118.2940, -3.1029, -78.3108** is the 20% darker color. If you saturate the color by 10%, you get **170.3060, -8.0389, -81.8294**, and if you desaturate by 10%, it is **185.7420, -5.7888, -56.7787**.

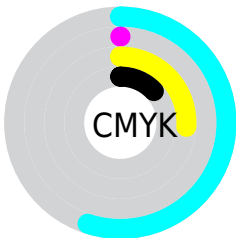
Distribution



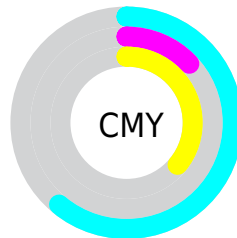
- Red (39%)
- Green (87%)
- Blue (64%)



- Red (39%)
- Yellow (70%)
- Blue (87%)



- Cyan (55%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)



- Cyan (61%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0240, -6.9138, -69.3040 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 178.0240, -6.9138, -69.3040 by changing the saturation by 10% instead.

■ 178.0240, -6.9138,
-69.3040

■ 178.0240, -6.9138,
-69.3040

255.0000, 0.0000,
0.0000

■ 149.3550, -5.5980,
-71.3483

■ 221.8930, -1.4262,
-56.0342

■ 118.2940, -3.1029,
-78.3108

■ 233.8700, 6.9661,
-41.1050

■ 90.9240, -1.9345,
-79.7403

■ 243.6380, 5.6015,
-23.3615

■ 73.0400, -4.4567,
-64.0561

■ 252.6080, 1.1793,
-4.9182

■ 55.1560, -6.9789,
-48.3718

■ 38.6740, -9.2063,
-33.9171

■ 23.4800, -11.5756,

-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 178.0240, -6.9138,
-69.3040

■ 178.0240, -6.9138,
-69.3040

■ 170.3060, -8.0389,
-81.8294

■ 185.7420, -5.7888,
-56.7787

■ 162.4740, -9.6007,
-94.2547

■ 193.5740, -4.2270,
-44.3534

■ 154.7560,
-10.7257, -106.7800

■ 201.2920, -3.1020,
-31.8281

■ 147.0380,
-11.8507, -119.3053

■ 209.0100, -1.9769,
-19.3028

■ 143.1790,
-12.4132, -125.5680

■ 217.1410, -0.5625,
-6.2627

■ 224.8590, 0.5625,
6.2627

■ 232.5770, 1.6875,
18.7880

■ 234.1300, 6.3449,
18.3030

■ 235.0420, 9.8393,
17.5032

Harmonies

Analogous

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



187.9040, -31.5047, -21.8408



178.0240, -6.9138, -69.3040



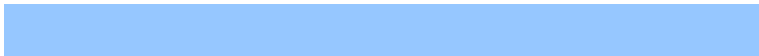
155.7700, 28.2144, -136.6103

Triad

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



178.0240, -6.9138, -69.3040



190.7330, 31.6836, -35.7228



191.5220, -24.9073, 55.6702

Complementary

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



178.0240, -6.9138, -69.3040



141.9760, 6.9138, 69.3040

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.



191.3690, -2.6469, 55.8044



178.0240, -6.9138, -69.3040



201.9940, 26.1320, 18.4223

Square

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



178.0240, -6.9138, -69.3040



159.1840, 47.2373, -124.6954



199.6620, 16.4356, 48.5314



197.4940, -42.6415, 50.4328

Rectangle

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



178.0240, -6.9138, -69.3040



158.7170, 42.0445, -139.1948



199.6620, 16.4356, 48.5314



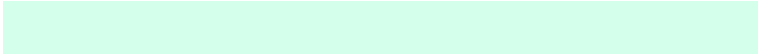
190.7700, -17.6346, 56.3297

Sweetspot

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



178.0240, -6.9138, -69.3040



239.8630, -2.3975, -24.4359



188.2550, -44.0027, -26.5336



118.8580, -1.4090, -14.7845



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.



178.0240, -6.9138, -69.3040



195.7620, -9.7427, -95.3843



183.3480, 18.5624, -73.9732



106.1410, -0.5625, -6.2627



112.0390, -9.8792, -98.2582



29.7380, -2.8288, -26.0802

Inverse Universe

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



141.9760, 6.9138, 69.3040



146.1240, 9.3059, 95.4843



136.6520, -18.5624, 73.9732



102.8590, 0.5625, 6.2627



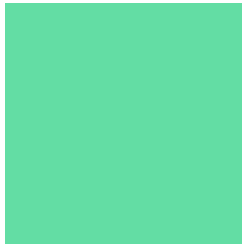
60.9610, 9.8792, 98.2582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 178.0240, -6.9138, -69.3040 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 178.0240, -6.9138, -69.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

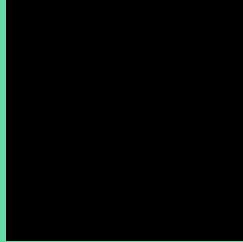
Any Text WCAG AA ✓ Pass

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 178.0240, -6.9138, -69.3040 Background



This preview shows how black text looks on a background with the YUV color 178.0240, -6.9138, -69.3040.



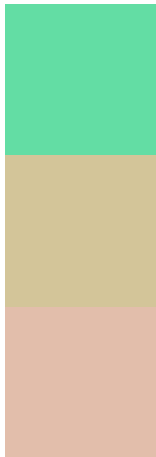
This preview shows how white text looks on a background with the YUV color 178.0240, -6.9138, -69.3040.

-69.3040.

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

178.0240, -6.9138, -69.3040

Protanopia

196.1700, -21.2828, 13.0059

Deuteranopia

198.5980, -13.6058, 24.0316



Tritanopia

186.2450, 21.5712, -58.9739

Trichromacy



Original Color

178.0240, -6.9138, -69.3040



Protanomaly

189.6500, -16.0965, -17.2331



Deuteranomaly

190.9590, -11.3188, -9.6110



Tritanomaly

183.1770, 11.2517, -62.4222

Monochromacy



Original Color

178.0240, -6.9138, -69.3040



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.1510, -2.5394, -25.5654

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0240, -6.9138, -69.3040 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(99, 221, 164)` looks like.

```
.text, #text, p{  
    color:rgb(99, 221, 164)  
}
```

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(99, 221, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 221, 164) }
```

Border

The CSS property to change the border of an element to YUV 178.0240, -6.9138, -69.3040 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(99, 221, 164) }
```


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

```
.border{ border-color:rgb(99, 221, 164) }
```

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

Here you see how a box with a 4 pixel rgb(99, 221, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 221, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 221, 164);  
box-shadow:4px 4px 4px 4px rgb(99, 221,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 178.0240, -6.9138, -69.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 221, 164) }
```

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

```
.background{ background-color: rgb(99, 221,  
164) }
```

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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