

Converting Colors

YUV(186.0340, -5.4398,
-75.4518)

Have a look what the booklet for
YUV(186.0340, -5.4398, -75.4518)
contains.

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Color

**YUV(186.0340, -5.4398,
-75.4518)**

Conversions

Conversions Part 1

Format	Color
Hex	64E8AF
RGB	100, 232, 175
RGB Percent	39%, 91%, 69%
CMY	0.6078, 0.0902, 0.3137
CMYK	0.57, 0.00, 0.25, 0.09
HSL	154°, 74%, 65%
HSV	154°, 57%, 91%
XYZ	41.8500, 63.5177, 50.6119
YIQ	186.0340, -60.3750, -45.7110

Conversions

Conversions Part 2

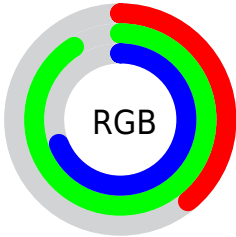
Format	Color
RYB	100, 184, 232
Decimal	6613167
CIELab	83.71, -49.42, 16.99
CIELCh	84, 52.258, 161.023
Yxy	63.5177, 0.2683, 0.4072
Android (android.graphics.Color)	4284803247 (0xFF64E8AF)
YUV	186.0340, -5.4398, -75.4518
Hunter-Lab	79.6980, -45.7398, 18.1367

Details

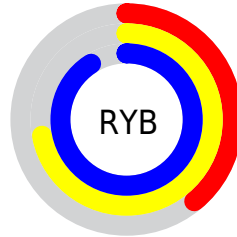
The YUV color **186.0340, -5.4398, -75.4518** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **145.9660, 5.4398, 75.4518**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8590, 3.5205, -56.0043**, and **124.1080, -1.0392, -86.9177** is the 20% darker color. If you saturate the color by 10%, you get **178.0170, -6.4174, -88.5919**, and if you desaturate by 10%, it is **194.0510, -4.4621, -62.3117**.

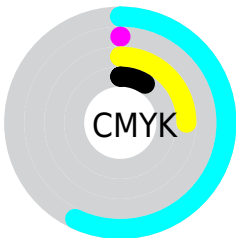
Distribution



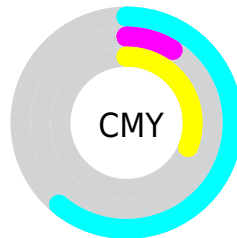
- Red (39%)
- Green (91%)
- Blue (69%)



- Red (39%)
- Yellow (72%)
- Blue (91%)



- Cyan (57%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)



- Cyan (61%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0340, -5.4398, -75.4518 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 186.0340, -5.4398, -75.4518 by changing the saturation by 10% instead.


 186.0340, -5.4398,
-75.4518

 186.0340, -5.4398,
-75.4518


255.0000, 0.0000,
0.0000


 156.3650, -4.1239,
-77.4961


 223.8590, 3.5205,
-56.0043


 124.1080, -1.0392,
-86.9177


 235.5650, 9.5815,
-39.9605


 97.9340, -0.4605,
-85.8881

 244.5350, 5.1592,
-21.5172

 79.9360, -3.4194,
-70.1039

 253.5050, 0.7370,
-3.0739

 62.1660, -5.5048,
-54.5196

 44.9830, -7.8796,
-39.4501

 28.7460, -11.7068,

-25.2102

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 186.0340, -5.4398,
-75.4518

■ 186.0340, -5.4398,
-75.4518

■ 178.0170, -6.4174,
-88.5919

■ 194.0510, -4.4621,
-62.3117

■ 170.0000, -7.3950,
-101.7320


■ 202.0680, -3.4845,
-49.1716

■ 161.6840, -8.2252,
-115.4869


■ 210.3840, -2.6543,
-35.4168

■ 153.6670, -9.2028,
-128.6270

■ 218.4010, -1.6767,
-22.2767

 151.2320, -9.4814,
-132.6305

 226.4180, -0.6991,
-9.1366

 234.4350, 0.2785,
4.0035

 240.3590, 2.2880,
12.8402

 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



196.7680, -31.9306, -25.2295



186.0340, -5.4398, -75.4518



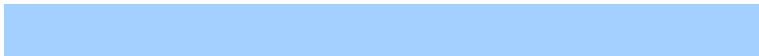
163.1220, 30.9989, -143.0580

Triad

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



186.0340, -5.4398, -75.4518



199.9030, 27.1628, -32.3639



197.3750, -25.3279, 50.5371

Complementary

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



186.0340, -5.4398, -75.4518



145.9660, 5.4398, 75.4518

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.



197.3360, -2.6306, 50.5713



186.0340, -5.4398, -75.4518



210.8760, 21.7531, 22.9107

Square

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



186.0340, -5.4398, -75.4518



171.9310, 40.9530, -115.7035



205.3840, 18.0517, 43.5132



203.8200, -43.7883, 44.8849

Rectangle

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



186.0340, -5.4398, -75.4518



165.8410, 43.9554, -145.4426



205.3840, 18.0517, 43.5132



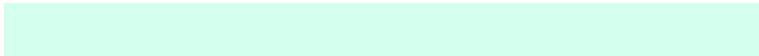
196.7370, -17.6183, 51.0967

Sweetspot

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



186.0340, -5.4398, -75.4518



239.9770, -1.9607, -24.5358



194.5270, -46.6018, -32.9112



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.



186.0340, -5.4398, -75.4518



194.7230, -7.2584, -98.8581



187.2490, 22.0622, -76.5174



110.8420, -0.4151, -6.8774



116.5870, -7.6844, -102.2468



33.2430, -2.0918, -29.1541

Inverse Universe

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



145.9660, 5.4398, 75.4518



142.1630, 6.8216, 98.9580



144.7510, -22.0622, 76.5174



107.1580, 0.4151, 6.8774



62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 186.0340, -5.4398, -75.4518 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 186.0340, -5.4398, -75.4518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

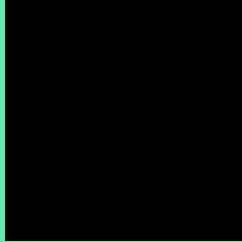
Any Text WCAG AA ✓ Pass

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 186.0340, -5.4398, -75.4518 Background



This preview shows how black text looks on a background with the YUV color 186.0340, -5.4398, -75.4518.



This preview shows how white text looks on a background with the YUV color 186.0340, -5.4398, -75.4518.

-75.4518.

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

186.0340, -5.4398, -75.4518

Protanopia

205.8710, -21.1354, 12.3911

Deuteranopia

208.7120, -13.1690, 23.9316



Tritanopia

194.5540, 22.8979, -64.5069

Trichromacy



Original Color

186.0340, -5.4398, -75.4518



Protanomaly

198.4540, -15.5068, -19.6922



Deuteranomaly

200.7630, -10.7292, -12.0702



Tritanomaly

191.1870, 12.7258, -68.5700

Monochromacy



Original Color

186.0340, -5.4398, -75.4518



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.2540, -2.0972, -27.4098

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0340, -5.4398, -75.4518 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(100, 232, 175)` looks like.

```
.text, #text, p{  
    color:rgb(100, 232, 175)  
}
```

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(100, 232, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 232, 175) }
```

Border

The CSS property to change the border of an element to YUV 186.0340, -5.4398, -75.4518 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(100, 232, 175) }
```


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

```
.border{ border-color:rgb(100, 232, 175) }
```

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

Here you see how a box with a 4 pixel rgb(100, 232, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 232, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 232, 175);  
box-shadow:4px 4px 4px 4px rgb(100, 232,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 186.0340, -5.4398, -75.4518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 232, 175) }
```

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

```
.background{ background-color: rgb(100,  
232, 175) }
```

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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