

Converting Colors

YUV(193.7360, -6.7718,
-68.1745)

Have a look what the booklet for
YUV(193.7360, -6.7718, -68.1745)
contains.

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Color

**YUV(193.7360, -6.7718,
-68.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	74ECB4
RGB	116, 236, 180
RGB Percent	45%, 93%, 71%
CMY	0.5451, 0.0745, 0.2941
CMYK	0.51, 0.00, 0.24, 0.07
HSL	152°, 76%, 69%
HSV	152°, 51%, 93%
XYZ	45.4361, 66.9992, 53.7174
YIQ	193.7360, -53.5440, -42.8560

Conversions

Conversions Part 2

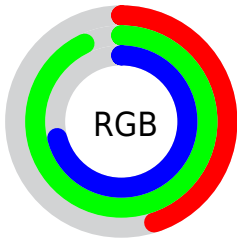
Format	Color
RYB	116, 194, 236
Decimal	7662772
CIELab	85.50, -46.56, 16.97
CIELCh	86, 49.559, 159.972
Yxy	66.9992, 0.2735, 0.4032
Android (android.graphics.Color)	4285852852 (0xFF74ECB4)
YUV	193.7360, -6.7718, -68.1745
Hunter-Lab	81.8530, -44.1585, 18.3871

Details

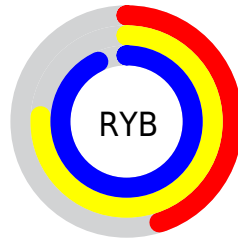
The YUV color **193.7360, -6.7718, -68.1745** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **158.2640, 6.7718, 68.1745**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9140, 3.4934, -47.2826**, and **135.3980, -4.1402, -72.2630** is the 20% darker color. If you saturate the color by 10%, you get **185.3060, -8.0389, -81.8294**, and if you desaturate by 10%, it is **202.1660, -5.5048, -54.5196**.

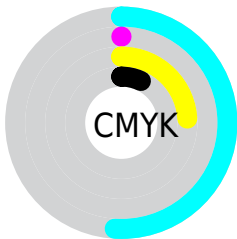
Distribution



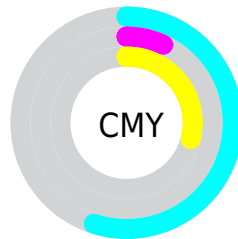
- Red (45%)
- Green (93%)
- Blue (71%)



- Red (45%)
- Yellow (76%)
- Blue (93%)



- Cyan (51%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



- Cyan (55%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.7360, -6.7718, -68.1745 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 193.7360, -6.7718, -68.1745 by changing the saturation by 10% instead.

■ 193.7360, -6.7718,
-68.1745

■ 193.7360, -6.7718,
-68.1745

255.0000, 0.0000,
0.0000

■ 164.6650, -5.7508,
-68.9892

■ 228.9140, 3.4934,
-47.2826

■ 135.3980, -4.1402,
-72.2630

■ 239.7510, 7.5178,
-31.3536

■ 100.8520, 0.5660,
-88.4472

■ 248.7210, 3.0955,
-12.9103

■ 82.2670, -2.1036,
-72.1482

■ 64.9700, -4.9152,
-56.9787

■ 47.7870, -7.2900,
-41.9092

■ 31.1910, -9.9542,

-27.3545

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 193.7360, -6.7718,
-68.1745

■ 193.7360, -6.7718,
-68.1745

■ 185.3060, -8.0389,
-81.8294

■ 202.1660, -5.5048,
-54.5196

■ 177.1750, -9.4533,
-94.8695


■ 210.2970, -4.0904,
-41.4795

■ 168.7450,
-10.7203, -108.5244


■ 218.7270, -2.8234,
-27.8246

■ 160.6140,
-12.1347, -121.5645

■ 226.8580, -1.4090,
-14.7845

 152.8960,
-13.2597, -134.0898

 235.2880, -0.1420,
-1.1296

 242.8210, 1.5672,
10.6810

 243.8470, 5.4984,
9.7812

Harmonies

Analogous

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



202.7190, -30.9205, -22.5556



193.7360, -6.7718, -68.1745



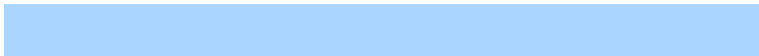
165.6980, 30.7149, -145.3171

Triad

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



193.7360, -6.7718, -68.1745



204.6320, 24.8314, -31.2493



202.0370, -22.6962, 46.4486

Complementary

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



193.7360, -6.7718, -68.1745



158.2640, 6.7718, 68.1745

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.



202.3570, -1.1620, 46.1679



193.7360, -6.7718, -68.1745



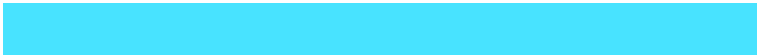
215.5830, 19.4326, 20.5367

Square

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



193.7360, -6.7718, -68.1745



183.8470, 35.0784, -98.0898



210.6500, 17.9206, 38.8950



208.0090, -40.4304, 41.2111

Rectangle

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



193.7360, -6.7718, -68.1745



168.1890, 42.7978, -147.5018



210.6500, 17.9206, 38.8950



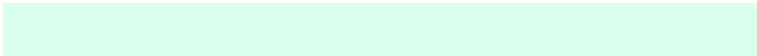
201.1710, -15.8603, 47.2080

Sweetspot

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



193.7360, -6.7718, -68.1745



241.5860, -2.2609, -21.5619



203.1840, -42.9817, -27.3484



119.8690, -1.4144, -13.0401



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.



193.7360, -6.7718, -68.1745



200.0340, -8.8908, -88.6068



197.7720, 18.8464, -71.7140



113.1410, -0.5625, -6.2627



117.3050, -10.0104, -102.8765



35.0040, -2.9600, -30.6985

Inverse Universe

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



158.2640, 6.7718, 68.1745



153.9660, 8.8908, 88.6068



154.2280, -18.8464, 71.7140



109.8590, 0.5625, 6.2627



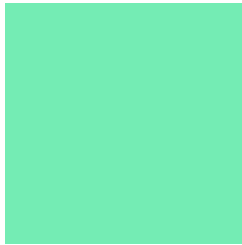
63.6950, 10.0104, 102.8765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 193.7360, -6.7718, -68.1745 looks on a white background.

Color Contrast Check

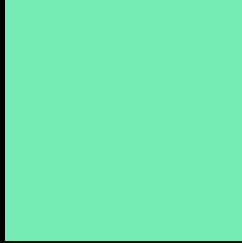
Large Text (above 18pt) WCAG AA × Fail

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 193.7360, -6.7718, -68.1745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

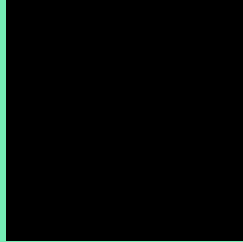
Any Text WCAG AA ✓ Pass

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 193.7360, -6.7718, -68.1745 Background



This preview shows how black text looks on a background with the YUV color 193.7360, -6.7718, -68.1745.



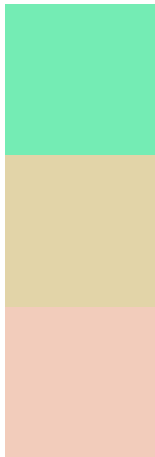
This preview shows how white text looks on a background with the YUV color 193.7360, -6.7718,

-68.1745.

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

193.7360, -6.7718, -68.1745

Protanopia

211.1700, -21.2828, 13.0059

Deuteranopia

213.4240, -13.0270, 25.0612



Tritanopia

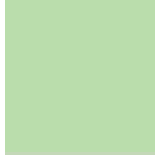
201.3590, 22.0080, -59.0738

Trichromacy



Original Color

193.7360, -6.7718, -68.1745



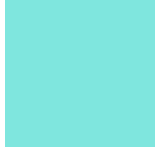
Protanomaly

204.9490, -16.2439, -16.6183



Deuteranomaly

206.3720, -11.0294, -9.0962



Tritanomaly

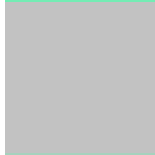
198.2910, 11.6885, -62.5222

Monochromacy



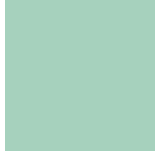
Original Color

193.7360, -6.7718, -68.1745



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.8630, -2.3975, -24.4359

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7360, -6.7718, -68.1745 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(116, 236, 180)` looks like.

```
.text, #text, p{  
    color:rgb(116, 236, 180)  
}
```

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(116, 236, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 236, 180) }
```

Border

The CSS property to change the border of an element to YUV 193.7360, -6.7718, -68.1745 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(116, 236, 180) }
```


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

```
.border{ border-color:rgb(116, 236, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 236, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 236, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 236, 180); box-shadow:4px 4px 4px 4px rgb(116, 236, 180) }
```

Background

The CSS property to change the background color of an element to YUV 193.7360, -6.7718, -68.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 236, 180) }
```

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

```
.background{ background-color: rgb(116,  
236, 180) }
```

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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