

Converting Colors

YUV(193.6650, 14.4622,
-65.4812)

Have a look what the booklet for
YUV(193.6650, 14.4622, -65.4812)
contains.

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Color

**YUV(193.6650, 14.4622,
-65.4812)**

Conversions

Conversions Part 1

Format	Color
Hex	77E2DF
RGB	119, 226, 223
RGB Percent	47%, 89%, 87%
CMY	0.5333, 0.1137, 0.1255
CMYK	0.47, 0.00, 0.01, 0.11
HSL	178°, 65%, 68%
HSV	178°, 47%, 89%
XYZ	48.1234, 63.6424, 79.5599
YIQ	193.6650, -62.8090, -23.6170

Conversions

Conversions Part 2

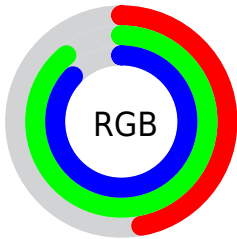
Format	Color
RYB	119, 173, 226
Decimal	7856863
CIELab	83.78, -31.57, -8.11
CIELCh	84, 32.594, 194.400
Yxy	63.6424, 0.2515, 0.3326
Android (android.graphics.Color)	4286046943 (0xFF77E2DF)
YUV	193.6650, 14.4622, -65.4812
Hunter-Lab	79.7762, -31.9317, -3.2859

Details

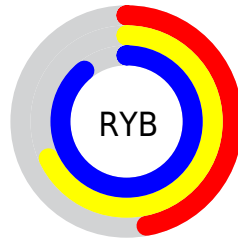
The YUV color **193.6650, 14.4622, -65.4812** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **151.3350, -14.4622, 65.4812**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9770, 11.3503, -47.3378**, and **135.9850, 15.7834, -69.2698** is the 20% darker color. If you saturate the color by 10%, you get **186.6740, 17.4157, -79.5211**, and if you desaturate by 10%, it is **200.6560, 11.5086, -51.4413**.

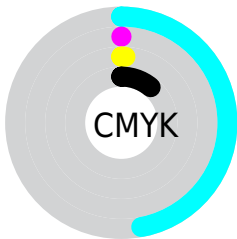
Distribution



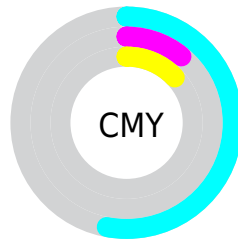
- Red (47%)
- Green (89%)
- Blue (87%)



- Red (47%)
- Yellow (68%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6650, 14.4622, -65.4812 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 193.6650, 14.4622, -65.4812 by changing the saturation by 10% instead.

193.6650, 14.4622,
-65.4812

193.6650, 14.4622,
-65.4812

255.0000, 0.0000,
0.0000

165.0670, 14.7570,
-66.7108

231.9770, 11.3503,
-47.3378

135.9850, 15.7834,
-69.2698

240.6480, 7.0755,
-29.5093

102.5210, 19.4631,
-82.8949

249.6180, 2.6533,
-11.0660

81.9030, 16.8098,
-71.8289

64.3780, 13.1246,
-56.4595

47.6680, 10.0237,
-41.8048

31.6590, 7.0701,

-27.7649

■ 15.7640, 4.5533,
-13.8250

■ 0.0000, 0.0000,
0.0000

■ 193.6650, 14.4622,
-65.4812

■ 193.6650, 14.4622,
-65.4812

■ 186.6740, 17.4157,
-79.5211

■ 200.6560, 11.5086,
-51.4413

■ 180.0960, 20.6587,
-93.0462

■ 207.2340, 8.2656,
-37.9162

■ 173.1050, 23.6122,
-107.0861

■ 214.2250, 5.3121,
-23.8763

■ 166.4130, 26.4184,
-120.5112

■ 220.9170, 2.5059,
-10.4512

■ 159.5360, 29.8088,
-134.6511

■ 227.7940, -0.8844,
3.6887

■ 157.7420, 30.6932,
-138.3397

■ 234.7850, -3.8380,
17.7286

■ 234.8990, -3.4012,
17.6286

■ 235.0130, -2.9644,
17.5286

Harmonies

Analogous

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



197.5030, -3.2060, -45.1681



193.6650, 14.4622, -65.4812



194.4980, 27.8555, -67.9657

Triad

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



193.6650, 14.4622, -65.4812



213.2620, 19.5908, 16.4332



208.3420, -28.7626, 32.1491

Complementary

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



193.6650, 14.4622, -65.4812



151.3350, -14.4622, 65.4812

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.



207.9870, -20.2066, 41.2304



193.6650, 14.4622, -65.4812



212.3650, 6.7221, 37.3909

Square

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



193.6650, 14.4622, -65.4812



207.6880, 23.3248, -14.6354



207.6570, -6.2399, 41.5198



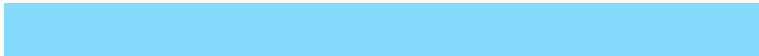
206.0140, -28.1079, 8.7577

Rectangle

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



193.6650, 14.4622, -65.4812



197.9880, 28.1069, -55.2405



207.6570, -6.2399, 41.5198



209.4290, -27.3265, 38.2118

Sweetspot

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



193.6650, 14.4622, -65.4812



244.1220, 4.8699, -22.0320



183.0050, -31.5545, -52.6244



121.3080, 2.8062, -13.4251



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.



193.6650, 14.4622, -65.4812



211.1890, 19.6268, -88.7428



164.6570, 30.2421, -40.0412



108.7110, 1.6215, -6.7625



122.8060, 23.7596, -107.7009



33.5340, 6.6387, -29.4093

Inverse Universe

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



151.3350, -14.4622, 65.4812



153.8110, -19.6268, 88.7428



180.3430, -30.2421, 40.0412



104.2890, -1.6215, 6.7625



53.1940, -23.7596, 107.7009



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 193.6650, 14.4622, -65.4812 looks on a white background.

Color Contrast Check

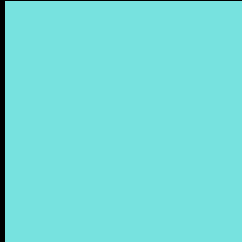
Large Text (above 18pt) WCAG AA × Fail

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 193.6650, 14.4622, -65.4812 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 193.6650, 14.4622, -65.4812 Background



This preview shows how black text looks on a background with the YUV color 193.6650, 14.4622, -65.4812.



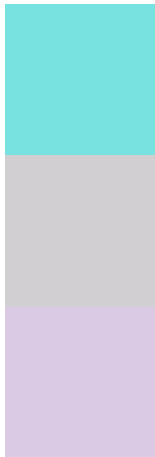
This preview shows how white text looks on a background with the YUV color 193.6650, 14.4622, -65.4812.

-65.4812.

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

193.6650, 14.4622, -65.4812

Protanopia

208.3530, 1.3050, 1.4444

Deuteranopia

209.7480, 8.9982, 7.2370



Tritanopia

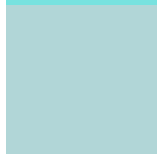
195.7500, 22.3083, -62.0477

Trichromacy



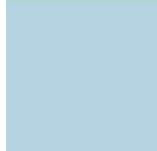
Original Color

193.6650, 14.4622, -65.4812



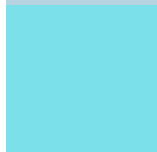
Protanomaly

203.0510, 5.8909, -22.8467



Deuteranomaly

204.0390, 10.8268, -19.3282



Tritanomaly

194.9410, 19.2561, -63.0923

Monochromacy



Original Color

193.6650, 14.4622, -65.4812



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.2250, 5.3121, -23.8763

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6650, 14.4622, -65.4812 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(119, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(119, 226, 223)  
}
```

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(119, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 226, 223) }
```

Border

The CSS property to change the border of an element to YUV 193.6650, 14.4622, -65.4812 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(119, 226, 223) }
```


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

```
.border{ border-color:rgb(119, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(119, 226,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 193.6650, 14.4622, -65.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 226, 223) }
```

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

```
.background{ background-color: rgb(119,  
226, 223) }
```

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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