

Converting Colors

YUV(153.7450, 19.8457,
-65.5514)

Have a look what the booklet for
YUV(153.7450, 19.8457, -65.5514)
contains.

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Color

**YUV(153.7450, 19.8457,
-65.5514)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB8C2
RGB	79, 184, 194
RGB Percent	31%, 72%, 76%
CMY	0.6902, 0.2784, 0.2392
CMYK	0.59, 0.05, 0.00, 0.24
HSL	185°, 49%, 54%
HSV	185°, 59%, 76%
XYZ	30.1025, 39.8383, 57.1419
YIQ	153.7450, -65.7900, -19.1500

Conversions

Conversions Part 2

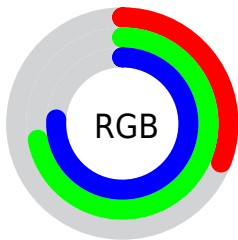
Format	Color
R _Y B	79, 134, 194
Decimal	5224642
CIE Lab	69.35, -27.09, -14.16
CIE LCh	69, 30.564, 207.600
Yxy	39.8383, 0.2369, 0.3135
Android (android.graphics.Color)	4283414722 (0xFF4FB8C2)
YUV	153.7450, 19.8457, -65.5514
Hunter-Lab	63.1176, -25.3241, -9.4944

Details

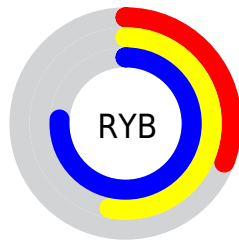
The YUV color **153.7450, 19.8457, -65.5514** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **119.2550, -19.8457, 65.5514**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9410, 19.2561, -63.0923**, and **92.8570, 23.2415, -81.4356** is the 20% darker color. If you saturate the color by 10%, you get **146.8900, 23.2252, -76.2025**, and if you desaturate by 10%, it is **160.6000, 16.4662, -54.9002**.

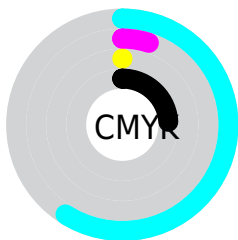
Distribution



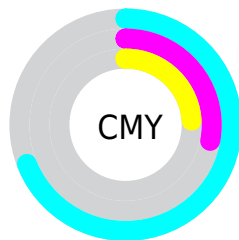
- Red (31%)
- Green (72%)
- Blue (76%)



- Red (31%)
- Yellow (53%)
- Blue (76%)



- Cyan (59%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7450, 19.8457, -65.5514 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 153.7450, 19.8457, -65.5514 by changing the saturation by 10% instead.

■ 153.7450, 19.8457,
-65.5514

■ 153.7450, 19.8457,
-65.5514

255.0000, 0.0000,
0.0000

■ 124.6520, 20.8776,
-69.8548

■ 210.9410, 19.2561,
-63.0923

■ 92.8570, 23.2415,
-81.4356

■ 228.9870, 12.8244,
-53.4856

■ 74.7450, 19.8457,
-65.5514

■ 237.9570, 8.4022,
-35.0423

■ 57.8070, 15.8711,
-50.6967

■ 246.6280, 4.1274,
-17.2138

■ 41.0970, 12.7702,
-36.0421

■ 26.2620, 9.2378,
-23.0318

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 153.7450, 19.8457,
-65.5514

■ 153.7450, 19.8457,
-65.5514

■ 146.8900, 23.2252,
-76.2025

■ 160.6000, 16.4662,
-54.9002

■ 140.3230, 26.4628,
-87.9833

■ 167.1670, 13.2287,
-43.1195

■ 133.4680, 29.8423,
-98.6344

■ 174.0220, 9.8492,
-32.4683

■ 126.3140, 33.3692,
-109.9004

■ 181.1760, 6.3222,
-21.2024

■ 126.0150, 33.5166,
-110.5152

■ 187.4440, 3.2321,
-10.0364

■ 194.2990, -0.1474,
0.6148

■ 201.4530, -3.6743,
11.8807

■ 207.7210, -6.7645,
23.0467

■ 214.8750,
-10.2914, 34.3126

Harmonies

Analogous

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



156.2340, 4.8146, -51.0712



153.7450, 19.8457, -65.5514



157.6780, 28.2597, -57.5996

Triad

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



153.7450, 19.8457, -65.5514



173.7810, 12.4330, 25.6251



168.1340, -26.6881, 20.0535

Complementary

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



153.7450, 19.8457, -65.5514



119.2550, -19.8457, 65.5514

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.



169.9820, -22.6691, 37.7268



153.7450, 19.8457, -65.5514



173.2640, -0.1302, 41.8645

Square

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



153.7450, 19.8457, -65.5514



171.3630, 22.9920, -1.1954



171.5560, -13.0921, 45.9934



164.8430, -22.1076, -2.4933

Rectangle

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



153.7450, 19.8457, -65.5514



162.8310, 29.6633, -41.0708



171.5560, -13.0921, 45.9934



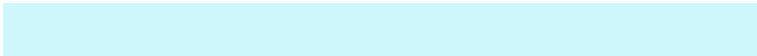
168.9930, -26.1255, 26.3161

Sweetspot

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



153.7450, 19.8457, -65.5514



236.1970, 7.7909, -25.6058



147.6450, -28.9120, -60.2017



117.5680, 5.1430, -16.2841



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.



153.7450, 19.8457, -65.5514



189.6740, 30.7267, -102.3231



120.2860, 36.3410, -36.2078



93.4230, 1.7635, -5.6330



104.6430, 27.7840, -91.7719



21.3720, 5.7326, -18.7432

Inverse Universe

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



125.3550, 28.9120, 60.2017



145.2170, 45.2490, 93.6487



152.7140, -36.3410, 36.2078



91.0160, 2.4571, 5.2480



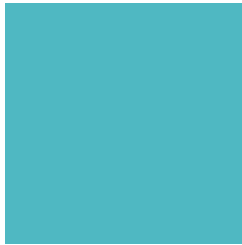
64.8970, 40.4768, 84.2823



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 153.7450, 19.8457, -65.5514 looks on a white background.

Color Contrast Check

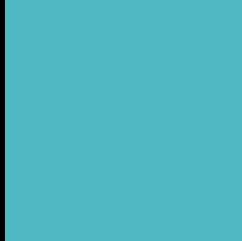
Large Text (above 18pt) WCAG AA × Fail

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 153.7450, 19.8457, -65.5514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

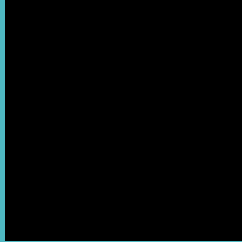
Any Text WCAG AA ✓ Pass

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 153.7450, 19.8457, -65.5514 Background



This preview shows how black text looks on a background with the YUV color 153.7450, 19.8457, -65.5514.

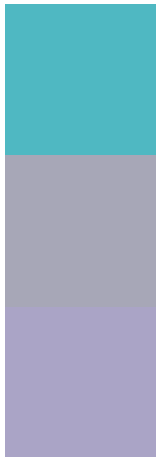


This preview shows how white text looks on a background with the YUV color 153.7450, 19.8457, -65.5514.

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

153.7450, 19.8457, -65.5514

Protanopia

168.8240, 6.9888, -1.5996

Deuteranopia

169.6700, 13.9667, 0.2894



Tritanopia

154.2120, 21.5875, -64.2069

Trichromacy



Original Color

153.7450, 19.8457, -65.5514

Protanomaly

163.2340, 11.7166, -24.7612

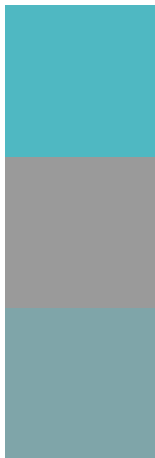
Deuteranomaly

163.7980, 16.3686, -23.5018

Tritanomaly

153.7990, 21.2981, -64.7217

Monochromacy



Original Color

153.7450, 19.8457, -65.5514

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0940, 7.3487, -23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7450, 19.8457, -65.5514 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(79, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(79, 184, 194)  
}
```

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(79, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 184, 194) }
```

Border

The CSS property to change the border of an element to YUV 153.7450, 19.8457, -65.5514 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(79, 184, 194) }
```


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

```
.border{ border-color:rgb(79, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(79, 184,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 153.7450, 19.8457, -65.5514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 184, 194) }
```

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

```
.background{ background-color: rgb(79, 184,  
194) }
```

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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