

Converting Colors

YUV(179.5750, 24.3665,
-68.9103)

Have a look what the booklet for
YUV(179.5750, 24.3665, -68.9103)
contains.

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Color

**YUV(179.5750, 24.3665,
-68.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	65D2E5
RGB	101, 210, 229
RGB Percent	40%, 82%, 90%
CMY	0.6039, 0.1765, 0.1020
CMYK	0.56, 0.08, 0.00, 0.10
HSL	189°, 71%, 65%
HSV	189°, 56%, 90%
XYZ	42.5563, 54.5170, 82.4086
YIQ	179.5750, -71.0630, -17.1990

Conversions

Conversions Part 2

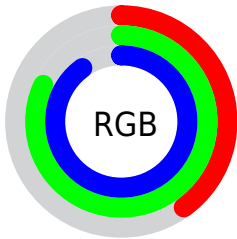
Format	Color
RYB	101, 160, 229
Decimal	6673125
CIELab	78.76, -25.95, -18.88
CIElCh	79, 32.089, 216.043
Yxy	54.5170, 0.2371, 0.3037
Android (android.graphics.Color)	4284863205 (0xFF65D2E5)
YUV	179.5750, 24.3665, -68.9103
Hunter-Lab	73.8356, -26.3312, -14.4891

Details

The YUV color **179.5750, 24.3665, -68.9103** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **150.4250, -24.3665, 68.9103**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8940, 13.8563, -57.7890**, and **118.5950, 27.3147, -81.2058** is the 20% darker color. If you saturate the color by 10%, you get **170.9370, 28.6251, -81.5057**, and if you desaturate by 10%, it is **188.2130, 20.1080, -56.3148**.

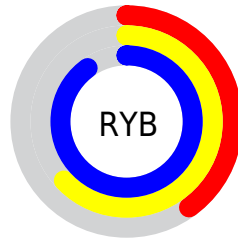
Distribution



Red (40%)

Green (82%)

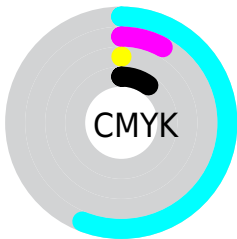
Blue (90%)



Red (40%)

Yellow (63%)

Blue (90%)

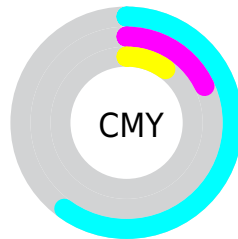


Cyan (56%)

Magenta (8%)

Yellow (0%)

Black (10%)



Cyan (60%)

Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.5750, 24.3665, -68.9103 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 179.5750, 24.3665, -68.9103 by changing the saturation by 10% instead.

■ 179.5750, 24.3665,
-68.9103

■ 179.5750, 24.3665,
-68.9103

■ 255.0000, 0.0000,
0.0000

■ 150.3790, 24.9562,
-71.3694

■ 226.8940, 13.8563,
-57.7890

■ 118.5950, 27.3147,
-81.2058

■ 235.8640, 9.4340,
-39.3457

■ 92.4810, 26.8779,
-81.1058

■ 244.8340, 5.0118,
-20.9024

■ 74.8420, 22.7559,
-65.6364

■ 254.1030, 0.4422,
-1.8443

■ 57.3170, 19.0707,
-50.2670

■ 41.1940, 15.6804,
-36.1271

■ 26.2450, 11.7112,

-23.0169

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 179.5750, 24.3665,
-68.9103

■ 179.5750, 24.3665,
-68.9103

■ 170.9370, 28.6251,
-81.5057

■ 188.2130, 20.1080,
-56.3148

■ 161.7120, 33.1730,
-93.5864

■ 197.4380, 15.5601,
-44.2341

■ 153.0740, 37.4315,
-106.1819

■ 206.0760, 11.3015,
-31.6387

■ 143.8490, 41.9794,
-118.2626

■ 215.3010, 6.7536,
-19.5580

■ 140.5710, 43.5955,
-123.2808

■ 223.9390, 2.4951,
-6.9625

■ 232.2780, -1.6161,
5.0182

■ 239.7090, -5.2795,
13.4102

■ 241.4700, -6.1477,
11.8658

■ 243.8180, -7.3053,
9.8066

Harmonies

Analogous

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



180.7320, 9.4991, -60.2780



179.5750, 24.3665, -68.9103



185.7970, 31.1591, -54.1960

Triad

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



179.5750, 24.3665, -68.9103



199.5540, 10.0799, 33.7171



192.6450, -28.4190, 15.2203

Complementary

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



179.5750, 24.3665, -68.9103



150.4250, -24.3665, 68.9103

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.



195.5320, -26.8843, 36.3674



179.5750, 24.3665, -68.9103



199.1570, -4.5144, 48.0973

Square

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



179.5750, 24.3665, -68.9103



198.1900, 22.0913, 7.7264



197.0140, -17.7549, 48.2227



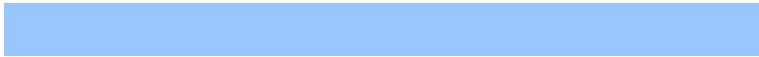
189.6140, -21.5017, -10.1855

Rectangle

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



179.5750, 24.3665, -68.9103



190.9180, 31.0994, -35.0081



197.0140, -17.7549, 48.2227



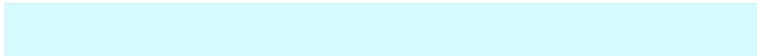
193.9880, -28.5881, 22.8125

Sweetspot

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



179.5750, 24.3665, -68.9103



238.6210, 8.0748, -23.3466



178.0740, -29.6165, -67.5939



117.8780, 4.9901, -13.9250



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.



179.5750, 24.3665, -68.9103



189.1960, 32.4414, -92.2569



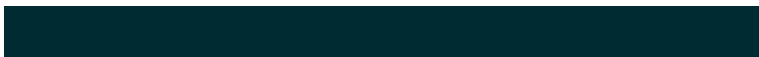
143.1810, 42.3088, -36.9927



110.2380, 2.3477, -6.3477



109.6300, 34.1994, -96.1455



31.0550, 9.8329, -27.2352

Inverse Universe

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



151.6980, 28.7429, 67.7939



151.7730, 38.5659, 90.5301



186.8190, -42.3088, 36.9927



107.7280, 2.5991, 6.3775



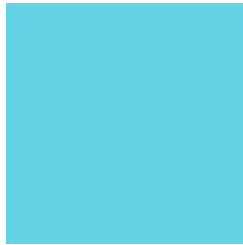
70.8490, 40.0074, 94.8484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 179.5750, 24.3665, -68.9103 looks on a white background.

Color Contrast Check

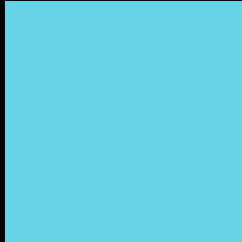
Large Text (above 18pt) WCAG AA × Fail

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 179.5750, 24.3665, -68.9103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

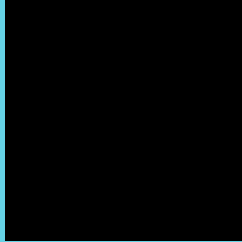
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.5750, 24.3665, -68.9103

Background



This preview shows how black text looks on a background with the YUV color 179.5750, 24.3665, -68.9103.



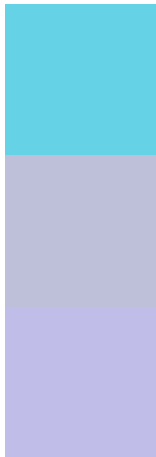
This preview shows how white text looks on a background with the YUV color 179.5750, 24.3665, -68.9103.

-68.9103.

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

179.5750, 24.3665, -68.9103

Protanopia

194.2520, 11.2148, -3.7290

Deuteranopia

195.2120, 18.6295, -1.9399



Tritanopia

179.0480, 23.6403, -69.3251

Trichromacy



Original Color

179.5750, 24.3665, -68.9103

Protanomaly

189.2490, 15.6532, -27.4054

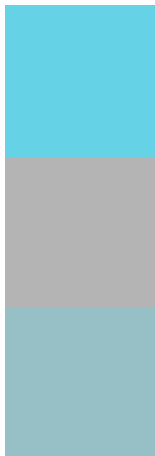
Deuteranomaly

189.9270, 20.7420, -26.2460

Tritanomaly

179.1620, 24.0771, -69.4251

Monochromacy



Original Color

179.5750, 24.3665, -68.9103

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.8380, 8.9539, -25.2909

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5750, 24.3665, -68.9103 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(101, 210, 229)` looks like.

```
.text, #text, p{  
    color:rgb(101, 210, 229)  
}
```

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(101, 210, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 210, 229) }
```

Border

The CSS property to change the border of an element to YUV 179.5750, 24.3665, -68.9103 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(101, 210, 229) }
```


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

```
.border{ border-color:rgb(101, 210, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 210, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 210, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 210, 229); box-shadow:4px 4px 4px 4px rgb(101, 210, 229) }
```

Background

The CSS property to change the background color of an element to YUV 179.5750, 24.3665, -68.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 210, 229) }
```

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

```
.background{ background-color: rgb(101,  
210, 229) }
```

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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