

Converting Colors

YUV(175.3410, 25.9609,
-66.9511)

Have a look what the booklet for
YUV(175.3410, 25.9609, -66.9511)
contains.

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Color

**YUV(175.3410, 25.9609,
-66.9511)**

Conversions

Conversions Part 1

Format	Color
Hex	63CCE4
RGB	99, 204, 228
RGB Percent	39%, 80%, 89%
CMY	0.6118, 0.2000, 0.1059
CMYK	0.57, 0.11, 0.00, 0.11
HSL	191°, 70%, 64%
HSV	191°, 57%, 89%
XYZ	40.7420, 51.4398, 81.1803
YIQ	175.3410, -70.2840, -14.7960

Conversions

Conversions Part 2

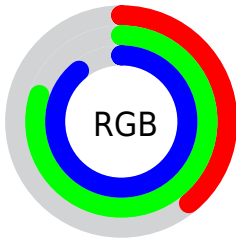
Format	Color
R _Y B	99, 157, 228
Decimal	6540516
CIE Lab	76.94, -23.63, -21.10
CIE LCh	77, 31.680, 221.773
Yxy	51.4398, 0.2350, 0.2967
Android (android.graphics.Color)	4284730596 (0xFF63CCE4)
YUV	175.3410, 25.9609, -66.9511
Hunter-Lab	71.7216, -24.1143, -16.9042

Details

The YUV color **175.3410, 25.9609, -66.9511** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **151.6590, -25.9609, 66.9511**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2960, 14.1511, -59.0186**, and **114.6490, 28.7670, -80.3762** is the 20% darker color. If you saturate the color by 10%, you get **166.1160, 30.5088, -79.0317**, and if you desaturate by 10%, it is **184.5660, 21.4130, -54.8704**.

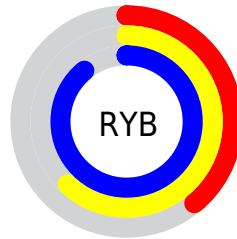
Distribution



Red (39%)

Green (80%)

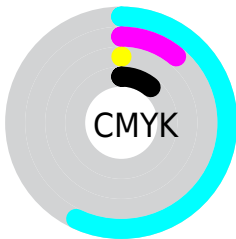
Blue (89%)



Red (39%)

Yellow (62%)

Blue (89%)

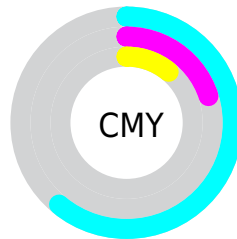


Cyan (57%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (61%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3410, 25.9609, -66.9511 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 175.3410, 25.9609, -66.9511 by changing the saturation by 10% instead.

175.3410, 25.9609,
-66.9511

175.3410, 25.9609,
-66.9511

255.0000, 0.0000,
0.0000

146.1450, 26.5505,
-69.4102

226.2960, 14.1511,
-59.0186

114.6490, 28.7670,
-80.3762

235.2660, 9.7289,
-40.5753

89.4320, 27.8880,
-78.4319

244.2360, 5.3067,
-22.1320

71.2060, 24.0554,
-62.4477

253.2060, 0.8844,
-3.6887

54.2680, 20.0809,
-47.5930

38.1450, 16.6905,
-33.4532

24.3700, 12.1426,

-21.3725

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 175.3410, 25.9609,
-66.9511

■ 175.3410, 25.9609,
-66.9511

■ 166.1160, 30.5088,
-79.0317

■ 184.5660, 21.4130,
-54.8704

■ 156.8910, 35.0567,
-91.1124

■ 193.7910, 16.8650,
-42.7897

■ 147.3780, 39.7466,
-102.0635

■ 203.3040, 12.1751,
-31.8386

■ 138.1530, 44.2946,
-114.1442

■ 212.5290, 7.6272,
-19.7579

■ 135.1740, 45.7632,
-118.5476

■ 221.7540, 3.0793,
-7.6773

■ 230.9790, -1.4686,
4.4034

■ 239.5950, -5.7163,
13.5102

■ 241.9430, -6.8739,
11.4510

■ 244.2910, -8.0315,
9.3918

Harmonies

Analogous

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



174.9320, 12.8515, -62.2074



175.3410, 25.9609, -66.9511



182.1290, 30.9954, -48.3481

Triad

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



175.3410, 25.9609, -66.9511



194.4790, 7.1589, 37.2909



187.2530, -27.2397, 10.3021

Complementary

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



175.3410, 25.9609, -66.9511



151.6590, -25.9609, 66.9511

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.



190.0970, -27.1628, 32.3639



175.3410, 25.9609, -66.9511



193.4730, -7.1352, 48.6972

Square

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



175.3410, 25.9609, -66.9511



193.6530, 19.8911, 13.4593



191.8350, -19.6387, 45.7487



183.5640, -19.0121, -15.4036

Rectangle

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



175.3410, 25.9609, -66.9511



187.3210, 29.9147, -28.3455



191.8350, -19.6387, 45.7487



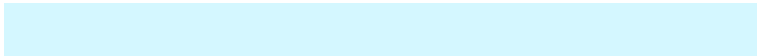
188.3680, -28.2824, 18.0943

Sweetspot

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



175.3410, 25.9609, -66.9511



237.4470, 8.6536, -22.3170



177.4590, -26.8483, -68.8085



117.2910, 5.2795, -13.4102



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.



175.3410, 25.9609, -66.9511



184.4890, 34.7619, -89.8829



137.7730, 44.4819, -34.0039



110.2380, 2.3477, -6.3477



105.5210, 36.2251, -92.5419



30.4680, 10.1223, -26.7204

Inverse Universe

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



149.5410, 26.8483, 68.8085



149.8010, 36.0871, 92.2595



189.2270, -44.4819, 34.0039



107.7280, 2.5991, 6.3775



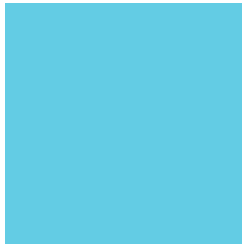
70.0510, 36.9499, 95.5483



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 175.3410, 25.9609, -66.9511 looks on a white background.

Color Contrast Check

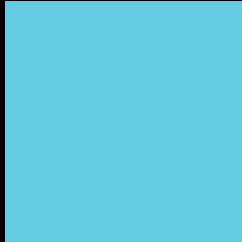
Large Text (above 18pt) WCAG AA × Fail

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 175.3410, 25.9609, -66.9511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

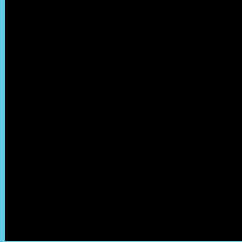
Any Text WCAG AA ✓ Pass

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 175.3410, 25.9609, -66.9511 Background



This preview shows how black text looks on a background with the YUV color 175.3410, 25.9609, -66.9511.



This preview shows how white text looks on a background with the YUV color 175.3410, 25.9609, -66.9511.

-66.9511.

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

175.3410, 25.9609, -66.9511

Protanopia

189.5230, 13.5462, -4.8437

Deuteranopia

190.3580, 20.5295, -4.6990



Tritanopia

174.3470, 23.4929, -68.7103

Trichromacy



Original Color

175.3410, 25.9609, -66.9511

Protanomaly

184.2320, 18.1266, -27.3905

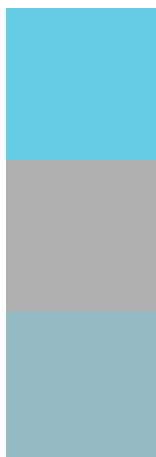
Deuteranomaly

185.0840, 22.6366, -27.2607

Tritanomaly

174.8740, 24.2191, -68.2955

Monochromacy



Original Color

175.3410, 25.9609, -66.9511

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.2510, 9.2433, -24.7761

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3410, 25.9609, -66.9511 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(99, 204, 228)` looks like.

```
.text, #text, p{  
    color:rgb(99, 204, 228)  
}
```

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(99, 204, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 204, 228) }
```

Border

The CSS property to change the border of an element to YUV 175.3410, 25.9609, -66.9511 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(99, 204, 228) }
```


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

```
.border{ border-color:rgb(99, 204, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 204, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 204, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 204, 228);  
box-shadow:4px 4px 4px 4px rgb(99, 204,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 175.3410, 25.9609, -66.9511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 204, 228) }
```

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

```
.background{ background-color: rgb(99, 204,  
228) }
```

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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