

Converting Colors

YUV(181.3600, 17.0775,
-64.3367)

Have a look what the booklet for
YUV(181.3600, 17.0775, -64.3367)
contains.

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Color

**YUV(181.3600, 17.0775,
-64.3367)**

Conversions

Conversions Part 1

Format	Color
Hex	6CD4D8
RGB	108, 212, 216
RGB Percent	42%, 83%, 85%
CMY	0.5765, 0.1686, 0.1529
CMYK	0.50, 0.02, 0.00, 0.15
HSL	182°, 58%, 64%
HSV	182°, 50%, 85%
XYZ	42.1225, 55.2330, 73.4067
YIQ	181.3600, -63.2680, -20.8040

Conversions

Conversions Part 2

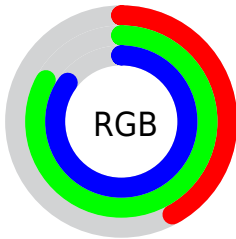
Format	Color
RYB	108, 161, 216
Decimal	7132376
CIELab	79.18, -29.03, -11.27
CIELCh	79, 31.143, 201.225
Yxy	55.2330, 0.2467, 0.3234
Android (android.graphics.Color)	4285322456 (0xFF6CD4D8)
YUV	181.3600, 17.0775, -64.3367
Hunter-Lab	74.3189, -28.8878, -6.5390

Details

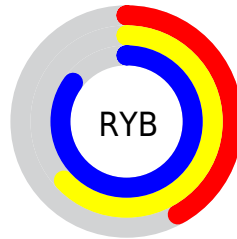
The YUV color **181.3600, 17.0775, -64.3367** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **142.6400, -17.0775, 64.3367**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6880, 12.9718, -54.1004**, and **123.3700, 18.5516, -70.4845** is the 20% darker color. If you saturate the color by 10%, you get **174.1950, 20.6099, -77.3470**, and if you desaturate by 10%, it is **188.5250, 13.5452, -51.3264**.

Distribution



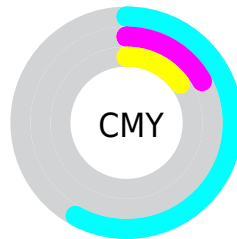
- Red (42%)
- Green (83%)
- Blue (85%)



- Red (42%)
- Yellow (63%)
- Blue (85%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.3600, 17.0775, -64.3367 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 181.3600, 17.0775, -64.3367 by changing the saturation by 10% instead.

■ 181.3600, 17.0775,
-64.3367

■ 181.3600, 17.0775,
-64.3367

255.0000, 0.0000,
0.0000

■ 152.7620, 17.3723,
-65.5663

■ 228.6880, 12.9718,
-54.1004

■ 123.3700, 18.5516,
-70.4845

■ 237.3590, 8.6970,
-36.2718

■ 92.2870, 21.0575,
-80.9357

■ 246.3290, 4.2748,
-17.8285

■ 74.1750, 17.6617,
-65.0515

■ 57.2370, 13.6872,
-50.1968

■ 40.5270, 10.5862,
-35.5422

■ 25.6920, 7.0538,

-22.5319

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 181.3600, 17.0775,
-64.3367

■ 181.3600, 17.0775,
-64.3367

■ 174.1950, 20.6099,
-77.3470

■ 188.5250, 13.5452,
-51.3264

■ 167.3290, 23.9948,
-89.7425

■ 195.3910, 10.1602,
-38.9309

■ 160.7510, 27.2378,
-103.2676

■ 201.9690, 6.9173,
-25.4058

■ 153.8850, 30.6227,
-115.6631

■ 208.8350, 3.5323,
-13.0103

■ 146.7200, 34.1550,
-128.6734

■ 216.0000, 0.0000,
0.0000

■ 223.1650, -3.5323,
13.0103

■ 228.8350, -6.3277,
22.9467

■ 229.4220, -6.6170,
22.4319

Harmonies

Analogous

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



184.5180, 0.7306, -47.8123



181.3600, 17.0775, -64.3367



184.1290, 27.5444, -61.5031

Triad

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



181.3600, 17.0775, -64.3367



200.6710, 15.9382, 21.3365



195.2380, -27.7253, 26.1013

Complementary

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



181.3600, 17.0775, -64.3367



142.6400, -17.0775, 64.3367

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.



197.7160, -22.5380, 42.3451



181.3600, 17.0775, -64.3367



200.3610, 2.7800, 41.7794

Square

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



181.3600, 17.0775, -64.3367



197.7150, 25.7765, -7.6431



199.6210, -11.6452, 48.5674



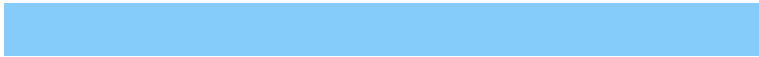
192.4800, -24.8866, 2.2100

Rectangle

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



181.3600, 17.0775, -64.3367



188.3140, 30.4112, -47.6334



199.6210, -11.6452, 48.5674



196.2110, -26.7260, 32.2640

Sweetspot

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



181.3600, 17.0775, -64.3367



243.0510, 5.8909, -22.8467



171.8520, -29.5070, -55.9982



120.5360, 3.6798, -13.6251



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.



181.3600, 17.0775, -64.3367



205.7310, 24.2896, -90.9721



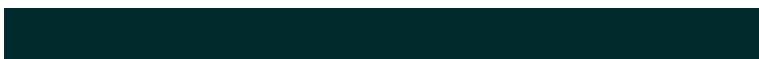
149.6620, 32.7046, -36.5376



103.7110, 1.6215, -6.7625



116.3490, 26.9429, -102.0381



29.5560, 6.6279, -25.9206

Inverse Universe

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



152.1480, 29.5070, 55.9982



164.5050, 41.6560, 79.3641



174.3380, -32.7046, 36.5376



100.5430, 3.1833, 5.6628



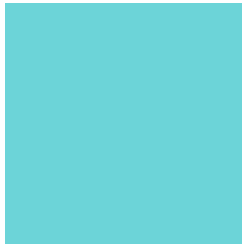
69.9390, 46.8651, 88.6305



17.6450, 12.0070, 22.2363

Previews

White Background



This preview shows how the YUV color 181.3600, 17.0775, -64.3367 looks on a white background.

Color Contrast Check

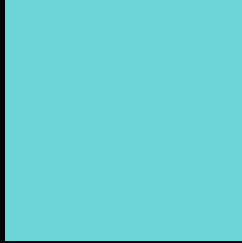
Large Text (above 18pt) WCAG AA × Fail

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 181.3600, 17.0775, -64.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

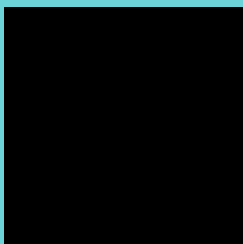
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

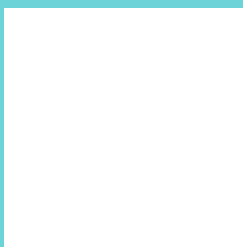
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 181.3600, 17.0775, -64.3367

Background



This preview shows how black text looks on a background with the YUV color 181.3600, 17.0775, -64.3367.



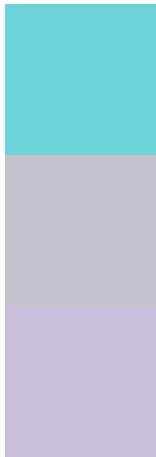
This preview shows how white text looks on a background with the YUV color 181.3600, 17.0775, -64.3367.

-64.3367.

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

181.3600, 17.0775, -64.3367

Protanopia

195.5530, 4.6574, -0.4850

Deuteranopia

197.1220, 11.7719, 4.2780



Tritanopia

182.6360, 21.8715, -61.9478

Trichromacy



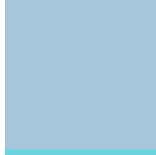
Original Color

181.3600, 17.0775, -64.3367



Protanomaly

190.5500, 9.0959, -24.1613



Deuteranomaly

191.4240, 13.5950, -20.5428



Tritanomaly

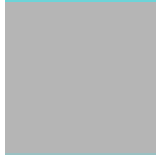
182.4680, 19.9823, -62.6774

Monochromacy



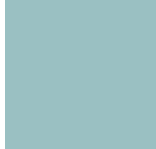
Original Color

181.3600, 17.0775, -64.3367



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.8660, 6.4751, -23.5615

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.3600, 17.0775, -64.3367 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(108, 212, 216)` looks like.

```
.text, #text, p{  
    color:rgb(108, 212, 216)  
}
```

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(108, 212, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 212, 216) }
```

Border

The CSS property to change the border of an element to YUV 181.3600, 17.0775, -64.3367 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(108, 212, 216) }
```


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

```
.border{ border-color:rgb(108, 212, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 212, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 212, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 212, 216);  
box-shadow:4px 4px 4px 4px rgb(108, 212,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 181.3600, 17.0775, -64.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 212, 216) }
```

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

```
.background{ background-color: rgb(108,  
212, 216) }
```

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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