

Converting Colors

YUV(165.6020, 13.0142,
-114.5380)

Have a look what the booklet for
YUV(165.6020, 13.0142, -114.5380)
contains.

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Color

**YUV(165.6020, 13.0142,
-114.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	23E3C0
RGB	35, 227, 192
RGB Percent	14%, 89%, 75%
CMY	0.8627, 0.1098, 0.2471
CMYK	0.85, 0.00, 0.15, 0.11
HSL	169°, 77%, 51%
HSV	169°, 85%, 89%
XYZ	37.6766, 59.1013, 59.2911
YIQ	165.6020, -103.1970, -51.5890

Conversions

Conversions Part 2

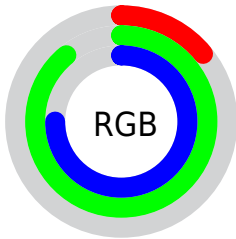
Format	Color
RYB	35, 141, 227
Decimal	2352064
CIELab	81.35, -52.31, 4.52
CIElCh	81, 52.500, 175.061
Yxy	59.1013, 0.2414, 0.3787
Android (android.graphics.Color)	4280542144 (0xFF23E3C0)
YUV	165.6020, 13.0142, -114.5380
Hunter-Lab	76.8773, -47.0547, 8.0872

Details

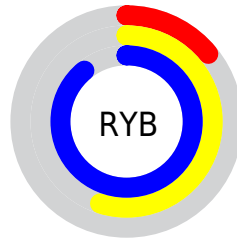
The YUV color **165.6020, 13.0142, -114.5380** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed cyan. A complement of this color would be **96.3980, -13.0142, 114.5380**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2390, 17.1372, -83.5246**, and **115.6360, 11.5185, -101.4128** is the 20% darker color. If you saturate the color by 10%, you get **158.2690, 14.6574, -128.2779**, and if you desaturate by 10%, it is **172.9350, 11.3710, -100.7980**.

Distribution



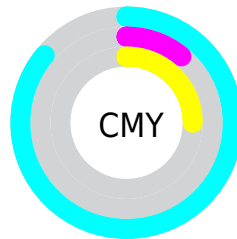
- Red (14%)
- Green (89%)
- Blue (75%)



- Red (14%)
- Yellow (55%)
- Blue (89%)



- Cyan (85%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (86%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.6020, 13.0142, -114.5380 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 165.6020, 13.0142, -114.5380 by changing the saturation by 10% instead.

■ 165.6020, 13.0142,
-114.5380

■ 165.6020, 13.0142,
-114.5380

255.0000, 0.0000,
0.0000

■ 135.0360, 14.7723,
-118.4266

■ 213.2390, 17.1372,
-83.5246

■ 115.6360, 11.5185,
-101.4128

■ 223.9040, 15.3303,
-63.9368

■ 96.8230, 7.9753,
-84.9138

■ 233.4720, 10.6133,
-44.2639

■ 78.8250, 5.0163,
-69.1295

■ 242.7410, 6.0437,
-25.2059

■ 60.8270, 2.0573,
-53.3453

■ 252.3090, 1.3267,
-5.5330

■ 43.6440, -0.3175,
-38.2758

■ 28.4500, -2.6868,

-24.9506

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 165.6020, 13.0142,
-114.5380

■ 165.6020, 13.0142,
-114.5380

■ 158.2690, 14.6574,
-128.2779

■ 172.9350, 11.3710,
-100.7980

■ 154.4530, 15.5527,
-135.4553

■ 179.9690, 9.8753,
-87.6728

■ 187.3020, 8.2321,
-73.9329

■ 194.7490, 7.0257,
-60.2929

■ 201.7830, 5.5300,
-47.1677

■ 209.1160, 3.8868,
-33.4277

■ 216.4490, 2.2436,
-19.6878

■ 223.7820, 0.6005,
-5.9478

■ 230.8160, -0.8953,
7.1774

Harmonies

Analogous

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



186.1980, -20.8036, -47.5316



165.6020, 13.0142, -114.5380



160.8370, 40.0134, -141.0540

Triad

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



165.6020, 13.0142, -114.5380



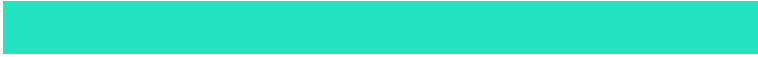
199.7800, 27.2235, -5.0691



195.3400, -35.6636, 52.3218

Complementary

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



165.6020, 13.0142, -114.5380



96.3980, -13.0142, 114.5380

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.



191.6820, -14.1402, 55.5299



165.6020, 13.0142, -114.5380



207.4530, 23.4407, 41.6987

Square

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



165.6020, 13.0142, -114.5380



182.5390, 35.7233, -71.5097



195.5070, 8.1310, 52.1754



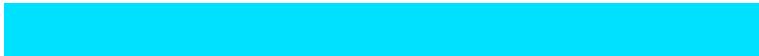
198.7280, -47.6869, 35.3185

Rectangle

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



165.6020, 13.0142, -114.5380



160.5580, 46.5599, -140.8094



195.5070, 8.1310, 52.1754



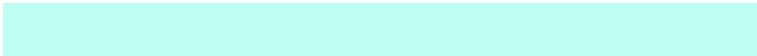
193.1860, -28.6857, 54.2109

Sweetspot

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



165.6020, 13.0142, -114.5380



234.4960, 4.1925, -38.1460



158.1690, -60.7223, -77.3242



115.5410, 2.6913, -23.2765



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.



165.6020, 13.0142, -114.5380



173.5110, 17.4961, -152.1691



133.7850, 45.9550, -86.6344



111.1840, 0.8953, -7.1774



121.7170, 11.9715, -106.7458



34.7250, 3.5866, -30.4538

Inverse Universe

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



96.3980, -13.0142, 114.5380



81.4890, -17.4961, 152.1691



128.2150, -45.9550, 86.6344



106.8160, -0.8953, 7.1774



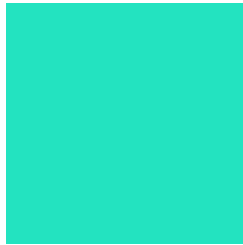
57.2830, -11.9715, 106.7458



16.2750, -3.5866, 30.4538

Previews

White Background



This preview shows how the YUV color 165.6020, 13.0142, -114.5380 looks on a white background.

Color Contrast Check

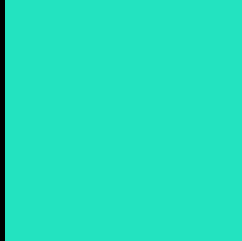
Large Text (above 18pt) WCAG AA × Fail

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 165.6020, 13.0142, -114.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

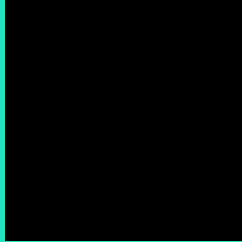
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

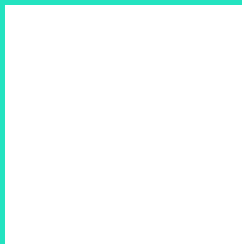
Any Text WCAG AAA ✓ Pass

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

YUV 165.6020, 13.0142, -114.5380 Background



This preview shows how black text looks on a background with the YUV color 165.6020, 13.0142, -114.5380.



This preview shows how white text looks on a background with the YUV color 165.6020, 13.0142, -114.5380.

-114.5380.

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

165.6020, 13.0142, -114.5380

Protanopia

200.0690, -11.3730, 7.8325

Deuteranopia

202.3440, -1.6486, 15.4843



Tritanopia

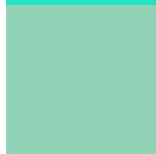
177.5010, 29.8260, -93.4014

Trichromacy



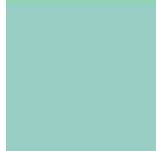
Original Color

165.6020, 13.0142, -114.5380



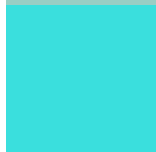
Protanomaly

187.6720, -2.7963, -36.5463



Deuteranomaly

189.0130, 3.4446, -31.5834



Tritanomaly

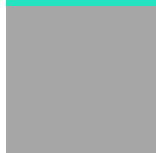
173.4370, 23.4486, -101.2382

Monochromacy



Original Color

165.6020, 13.0142, -114.5380



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.5880, 4.6401, -41.7347

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.6020, 13.0142, -114.5380 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(35, 227, 192)` looks like.

```
.text, #text, p{  
    color:rgb(35, 227, 192)  
}
```

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(35, 227, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 227, 192) }
```

Border

The CSS property to change the border of an element to YUV 165.6020, 13.0142, -114.5380 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(35, 227, 192) }
```


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

```
.border{ border-color:rgb(35, 227, 192) }
```

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

Here you see how a box with a 4 pixel rgb(35, 227, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 227, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 227, 192);  
box-shadow:4px 4px 4px 4px rgb(35, 227,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 165.6020, 13.0142, -114.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 227, 192) }
```

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

```
.background{ background-color: rgb(35, 227,  
192) }
```

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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