

Converting Colors

YUV(166.6020, 33.2272,
-111.0300)

Have a look what the booklet for
YUV(166.6020, 33.2272, -111.0300)
contains.

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Color

**YUV(166.6020, 33.2272,
-111.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	28DAEA
RGB	40, 218, 234
RGB Percent	16%, 85%, 92%
CMY	0.8431, 0.1451, 0.0824
CMYK	0.83, 0.07, 0.00, 0.08
HSL	185°, 82%, 54%
HSV	185°, 83%, 92%
XYZ	40.7978, 56.5344, 86.6039
YIQ	166.6020, -111.2240, -32.7600

Conversions

Conversions Part 2

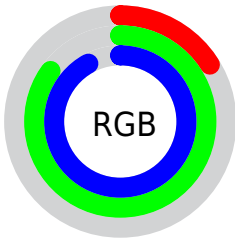
Format	Color
R_{YB}	40, 133, 234
Decimal	2677482
CIE _{Lab}	79.92, -36.27, -19.93
CIE _{LCh}	80, 41.383, 208.793
Yxy	56.5344, 0.2218, 0.3074
Android (android.graphics.Color)	4280867562 (0xFF28DAEA)
YUV	166.6020, 33.2272, -111.0300
Hunter-Lab	75.1894, -34.7273, -15.6582

Details

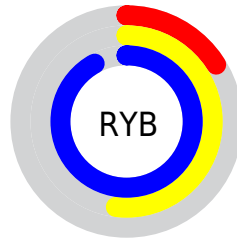
The YUV color **166.6020, 33.2272, -111.0300** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **107.3980, -33.2272, 111.0300**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5320, 19.4577, -81.1506**, and **115.3860, 30.8687, -101.1935** is the 20% darker color. If you saturate the color by 10%, you get **158.5510, 37.1964, -124.1402**, and if you desaturate by 10%, it is **174.6530, 29.2581, -97.9197**.

Distribution



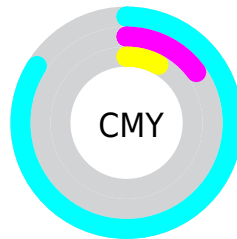
- Red (16%)
- Green (85%)
- Blue (92%)



- Red (16%)
- Yellow (52%)
- Blue (92%)



- Cyan (83%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (84%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6020, 33.2272, -111.0300 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 166.6020, 33.2272, -111.0300 by changing the saturation by 10% instead.

166.6020, 33.2272,
-111.0300

166.6020, 33.2272,
-111.0300

255.0000, 0.0000,
0.0000

135.0140, 34.9961,
-118.4073

215.5320, 19.4577,
-81.1506

115.3860, 30.8687,
-101.1935

225.3990, 14.5933,
-60.8629

97.1600, 27.0361,
-85.2093

234.9670, 9.8763,
-41.1901

78.9340, 23.2035,
-69.2251

244.5350, 5.1592,
-21.5172

61.4090, 19.5184,
-53.8557

253.8040, 0.5896,
-2.4591

44.5850, 15.9806,
-39.1010

29.6360, 12.0115,

-25.9908

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 166.6020, 33.2272,
-111.0300

■ 166.6020, 33.2272,
-111.0300

■ 158.5510, 37.1964,
-124.1402

■ 174.6530, 29.2581,
-97.9197

■ 152.8810, 39.9917,
-134.0766

■ 183.0030, 25.1415,
-84.1946

■ 191.0540, 21.1724,
-71.0844

■ 199.4040, 17.0558,
-57.3593

■ 207.4550, 13.0867,
-44.2490

■ 215.5060, 9.1175,
-31.1388

■ 223.8560, 5.0010,
-17.4137

■ 231.3200, 1.3212,
-3.7886

■ 239.6700, -2.7953,
9.9364

Harmonies

Analogous

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



177.0950, 8.8272, -78.1363



166.6020, 33.2272, -111.0300



175.9280, 38.9825, -90.2679

Triad

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



166.6020, 33.2272, -111.0300



203.2260, 17.6366, 36.6358



195.4200, -37.1821, 25.9417

Complementary

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



166.6020, 33.2272, -111.0300



107.3980, -33.2272, 111.0300

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.



198.2410, -32.1638, 49.7776



166.6020, 33.2272, -111.0300



197.7750, 1.5899, 50.1863

Square

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



166.6020, 33.2272, -111.0300



199.8130, 27.2072, 0.1640



195.2040, -15.8766, 52.4411



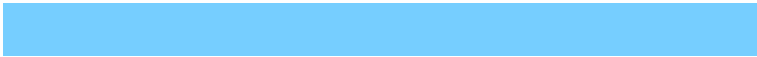
191.5300, -30.8273, -5.7268

Rectangle

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



166.6020, 33.2272, -111.0300



185.2740, 34.3749, -58.9993



195.2040, -15.8766, 52.4411



196.8880, -36.9198, 35.1782

Sweetspot

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



166.6020, 33.2272, -111.0300



232.9290, 10.8810, -36.7717



155.3600, -50.4635, -101.1707



113.9910, 6.9064, -21.9171



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.



166.6020, 33.2272, -111.0300



167.3250, 43.2238, -144.1130



111.4240, 60.4300, -62.6388



113.1240, 1.9109, -6.2477



118.0760, 31.0215, -103.5527



34.9190, 9.4069, -30.6240

Inverse Universe

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



118.2980, 49.1531, 101.4707



104.6820, 63.7538, 131.8289



162.5760, -60.4300, 62.6388



110.4290, 2.7465, 5.7628



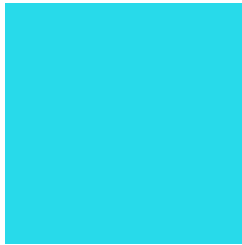
73.0430, 45.8278, 94.6783



21.7320, 13.4431, 28.2990

Previews

White Background



This preview shows how the YUV color 166.6020, 33.2272, -111.0300 looks on a white background.

Color Contrast Check

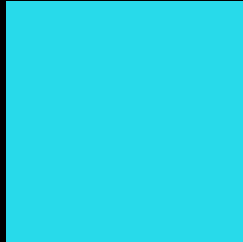
Large Text (above 18pt) WCAG AA × Fail

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 166.6020, 33.2272, -111.0300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

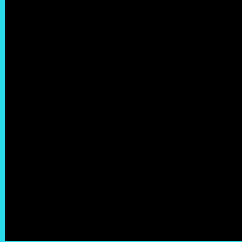
Any Text WCAG AA ✓ Pass

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 166.6020, 33.2272, -111.0300 Background



This preview shows how black text looks on a background with the YUV color 166.6020, 33.2272, -111.0300.

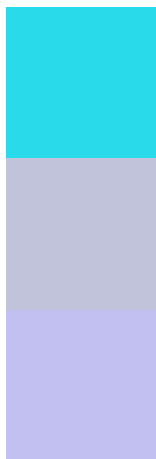


This preview shows how white text looks on a background with the YUV color 166.6020, 33.2272, -111.0300.

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

166.6020, 33.2272, -111.0300

Protanopia

197.1380, 10.7780, -3.6290

Deuteranopia

198.0700, 20.6715, -3.5694



Tritanopia

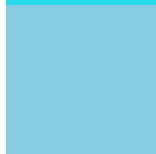
167.3140, 33.3692, -109.9004

Trichromacy



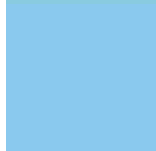
Original Color

166.6020, 33.2272, -111.0300



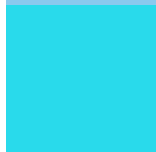
Protanomaly

185.6600, 18.9016, -42.6748



Deuteranomaly

186.3810, 25.4482, -42.4301



Tritanomaly

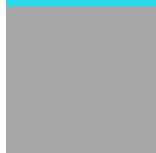
167.0150, 33.5166, -110.5152

Monochromacy



Original Color

166.6020, 33.2272, -111.0300



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.1350, 11.7654, -40.4604

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6020, 33.2272, -111.0300 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(40, 218, 234)` looks like.

```
.text, #text, p{  
    color:rgb(40, 218, 234)  
}
```

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(40, 218, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 218, 234) }
```

Border

The CSS property to change the border of an element to YUV 166.6020, 33.2272, -111.0300 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(40, 218, 234) }
```


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

```
.border{ border-color:rgb(40, 218, 234) }
```

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

Here you see how a box with a 4 pixel rgb(40, 218, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 218, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 218, 234);  
box-shadow:4px 4px 4px 4px rgb(40, 218,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 166.6020, 33.2272, -111.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 218, 234) }
```

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

```
.background{ background-color: rgb(40, 218,  
234) }
```

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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