

Converting Colors

YUV(200.6530, 25.8071,
-111.0747)

Have a look what the booklet for
YUV(200.6530, 25.8071, -111.0747)
contains.

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Color

**YUV(200.6530, 25.8071,
-111.0747)**

Conversions

Conversions Part 1

Format	Color
Hex	4AFFFD
RGB	74, 255, 253
RGB Percent	29%, 100%, 99%
CMY	0.7098, 0.0000, 0.0078
CMYK	0.71, 0.00, 0.01, 0.00
HSL	179°, 100%, 65%
HSV	179°, 71%, 100%
XYZ	56.3137, 80.0677, 105.4151
YIQ	200.6530, -107.2340, -38.9940

Conversions

Conversions Part 2

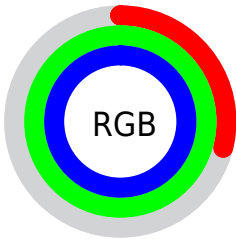
Format	Color
RYB	74, 165, 255
Decimal	4915197
CIELab	91.72, -44.34, -12.14
CIELCh	92, 45.973, 195.309
Yxy	80.0677, 0.2329, 0.3311
Android (android.graphics.Color)	4283105277 (0xFF4AFFFD)
YUV	200.6530, 25.8071, -111.0747
Hunter-Lab	89.4806, -44.2538, -7.2119

Details

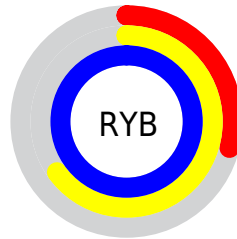
The YUV color **200.6530, 25.8071, -111.0747** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **128.3470, -25.8071, 111.0747**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7080, 15.9200, -66.3959**, and **138.5700, 28.3130, -121.5259** is the 20% darker color. If you saturate the color by 10%, you get **193.1780, 29.4922, -126.4441**, and if you desaturate by 10%, it is **208.4270, 21.9745, -95.0905**.

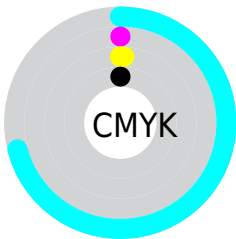
Distribution



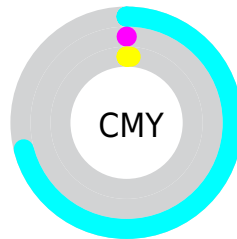
- Red (29%)
- Green (100%)
- Blue (99%)



- Red (29%)
- Yellow (65%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.6530, 25.8071, -111.0747 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 200.6530, 25.8071, -111.0747 by changing the saturation by 10% instead.

200.6530, 25.8071,
-111.0747

200.6530, 25.8071,
-111.0747

255.0000, 0.0000,
0.0000

158.1980, 32.4404,
-138.7396

222.7080, 15.9200,
-66.3959

138.5700, 28.3130,
-121.5259

232.5750, 11.0555,
-46.1083

119.0560, 24.6224,
-104.4121

242.1430, 6.3385,
-26.4354

100.2430, 21.0792,
-87.9131

251.7110, 1.6215,
-6.7625

81.4300, 17.5360,
-71.4141

64.0190, 14.2876,
-56.1447

46.6080, 11.0393,

-40.8752

■ 31.1860, 7.7963,
-27.3501

■ 10.7090, 8.0315,
-9.3918

■ 200.6530, 25.8071,
-111.0747

■ 200.6530, 25.8071,
-111.0747

■ 193.1780, 29.4922,
-126.4441

■ 208.4270, 21.9745,
-95.0905

■ 185.2900, 32.8880,
-142.3283

■ 216.0160, 18.7261,
-79.8210

■ 178.4130, 36.2784,
-156.4682

■ 223.7900, 14.8935,
-63.8368

■ 231.2650, 11.2084,
-48.4674

■ 239.0390, 7.3758,
-32.4832

■ 246.6280, 4.1274,
-17.2138

■ 254.4020, 0.2948,
-1.2296

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



211.8760, -2.4039, -69.1743



200.6530, 25.8071, -111.0747



194.9450, 29.6071, -116.5928

Triad

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



200.6530, 25.8071, -111.0747



229.7590, 12.4438, 22.1364



222.6160, -37.7717, 28.4008

Complementary

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



200.6530, 25.8071, -111.0747



128.3470, -25.8071, 111.0747

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.



216.5470, -22.9477, 33.7233



200.6530, 25.8071, -111.0747



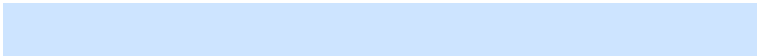
222.7150, 15.9165, 28.3139

Square

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



200.6530, 25.8071, -111.0747



224.2010, 15.1839, -16.8393



216.4110, -3.1606, 33.8426



226.2240, -40.0434, 10.3276

Rectangle

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



200.6530, 25.8071, -111.0747



205.1660, 24.5682, -86.9686



216.4110, -3.1606, 33.8426



220.3650, -33.7039, 30.3749

Sweetspot

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



200.6530, 25.8071, -111.0747



238.7400, 7.5232, -33.0980



181.1440, -52.8220, -91.3343



118.3180, 4.2802, -19.5729



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.



200.6530, 25.8071, -111.0747



189.8890, 31.1137, -133.2067



149.8120, 51.8577, -66.4871



123.9990, 1.4795, -7.8921



133.6630, 27.2811, -117.2225



44.7500, 8.9972, -39.2458

Inverse Universe

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



128.3470, -25.8071, 111.0747



103.2250, -30.6769, 133.1067



179.1880, -51.8577, 66.4871



118.8870, -1.9163, 7.9921



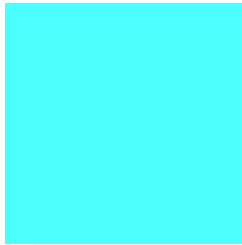
57.3370, -27.2811, 117.2225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 200.6530, 25.8071, -111.0747 looks on a white background.

Color Contrast Check

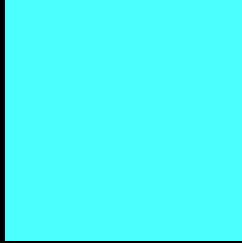
Large Text (above 18pt) WCAG AA × Fail

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 200.6530, 25.8071, -111.0747 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

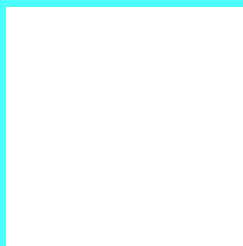
Any Text WCAG AAA ✓ Pass

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

YUV 200.6530, 25.8071, -111.0747 Background



This preview shows how black text looks on a background with the YUV color 200.6530, 25.8071, -111.0747.



This preview shows how white text looks on a background with the YUV color 200.6530, 25.8071, -111.0747.

Color Blindness Simulation

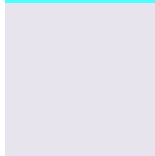
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

200.6530, 25.8071, -111.0747



Protanopia

229.9230, 3.4890, 0.9445



Deuteranopia

231.1220, 11.7719, 4.2780



Tritanopia

221.6440, 16.4445, -47.9228

Trichromacy



Original Color

200.6530, 25.8071, -111.0747



Protanomaly

219.4340, 11.6180, -39.8456



Deuteranomaly

219.8240, 16.8488, -37.5566



Tritanomaly

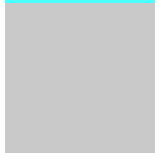
213.7120, 19.8620, -70.7844

Monochromacy



Original Color

200.6530, 25.8071, -111.0747



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

201.1520, 9.2921, -40.4753

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6530, 25.8071, -111.0747 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(74, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(74, 255, 253)  
}
```

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(74, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 255, 253) }
```

Border

The CSS property to change the border of an element to YUV 200.6530, 25.8071, -111.0747 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(74, 255, 253) }
```


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

```
.border{ border-color:rgb(74, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(74, 255,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 200.6530, 25.8071, -111.0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 255, 253) }
```

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

```
.background{ background-color: rgb(74, 255,  
253) }
```

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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