

Converting Colors

YUV(135.2590, 33.3963,
-118.6221)

Have a look what the booklet for
YUV(135.2590, 33.3963, -118.6221)
contains.

YUV(135.2590, 33.3963, -118.6221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.2590, 33.3963,
-118.6221)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFCB
RGB	0, 191, 203
RGB Percent	0%, 75%, 80%
CMY	1.0000, 0.2510, 0.2039
CMYK	1.00, 0.06, 0.00, 0.20
HSL	184°, 100%, 40%
HSV	184°, 100%, 80%
XYZ	29.4103, 41.5734, 62.9743
YIQ	135.2590, -117.6880, -36.7600

Conversions

Conversions Part 2

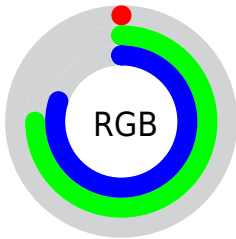
Format	Color
RYB	0, 98, 203
Decimal	49099
CIELab	70.58, -34.98, -17.37
CIELCh	71, 39.057, 206.399
Yxy	41.5734, 0.2195, 0.3103
Android (android.graphics.Color)	4278239179 (0xFF00BFCB)
YUV	135.2590, 33.3963, -118.6221
Hunter-Lab	64.4774, -31.4158, -12.7736

Details

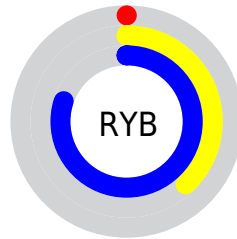
The YUV color **135.2590, 33.3963, -118.6221** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **67.7410, -33.3963, 118.6221**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7420, 24.2842, -89.2277**, and **97.4050, 25.4363, -85.4242** is the 20% darker color. If you saturate the color by 10%, you get **135.2590, 33.3963, -118.6221**, and if you desaturate by 10%, it is **141.8260, 30.1588, -106.8414**.

Distribution



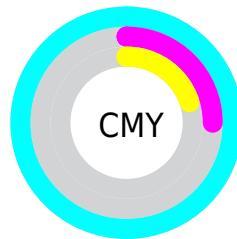
- Red (0%)
- Green (75%)
- Blue (80%)



- Red (0%)
- Yellow (38%)
- Blue (80%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2590, 33.3963, -118.6221 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 135.2590, 33.3963, -118.6221 by changing the saturation by 10% instead.

■ 135.2590, 33.3963,
-118.6221

■ 135.2590, 33.3963,
-118.6221

■ 255.0000, 0.0000,
0.0000

■ 116.3320, 29.4163,
-102.0232

■ 205.7420, 24.2842,
-89.2277

■ 97.4050, 25.4363,
-85.4242

■ 219.7180, 17.3940,
-72.5437

■ 79.1790, 21.6038,
-69.4400

■ 229.2860, 12.6770,
-52.8708

■ 61.6540, 17.9186,
-54.0706

■ 238.5550, 8.1074,
-33.8127

■ 44.8300, 14.3808,
-39.3159

■ 247.8240, 3.5378,
-14.7546

■ 29.4080, 11.1379,
-25.7908

■ 7.0560, 11.8044,

-6.1881

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 135.2590, 33.3963,
-118.6221

■ 141.8260, 30.1588,
-106.8414

■ 148.6920, 26.7738,
-94.4459

■ 155.8460, 23.2469,
-83.1799

■ 162.4130, 20.0094,
-71.3992

■ 169.2790, 16.6245,
-59.0037

■ 175.8460, 13.3869,
-47.2229

■ 182.4130, 10.1494,
-35.4422

■ 189.5670, 6.6225,
-24.1763

■ 196.4330, 3.2375,
-11.7807

Harmonies

Analogous

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



152.9820, 6.9109, -70.1442



135.2590, 33.3963, -118.6221



148.3730, 40.7351, -92.4121

Triad

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



135.2590, 33.3963, -118.6221



177.0790, 17.2161, 31.5027



170.5170, -34.2719, 25.8566

Complementary

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



135.2590, 33.3963, -118.6221



67.7410, -33.3963, 118.6221

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.



173.1420, -28.6640, 47.2335



135.2590, 33.3963, -118.6221



176.2700, 0.8529, 53.2602

Square

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



135.2590, 33.3963, -118.6221



174.5890, 30.2756, -4.0246



174.6500, -15.6035, 58.1889



167.0080, -29.0909, -2.6380

Rectangle

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



135.2590, 33.3963, -118.6221



160.9300, 39.4745, -61.3286



174.6500, -15.6035, 58.1889



171.5010, -33.2780, 33.7636

Sweetspot

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



135.2590, 33.3963, -118.6221



229.3410, 12.6499, -44.1491



120.3010, -54.3784, -105.5040



112.4850, 7.6489, -26.7353



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.



135.2590, 33.3963, -118.6221



169.9500, 41.9297, -149.0461



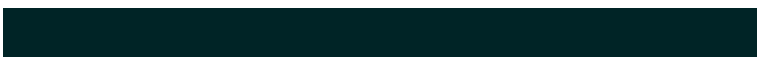
76.5590, 62.3354, -67.1422



98.4230, 1.7635, -5.6330



110.4960, 27.3635, -96.9050



25.4640, 6.1802, -22.3319

Inverse Universe

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



82.4710, 53.5048, 105.7039



103.6050, 67.2427, 132.7734



126.4410, -62.3354, 67.1422



96.0160, 2.4571, 5.2480



67.4180, 43.6709, 86.4564



15.4660, 10.1233, 19.7623

Previews

White Background



This preview shows how the YUV color 135.2590, 33.3963, -118.6221 looks on a white background.

Color Contrast Check

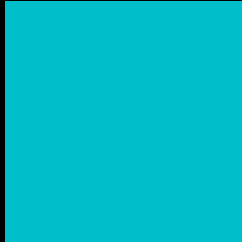
Large Text (above 18pt) WCAG AA × Fail

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 135.2590, 33.3963, -118.6221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

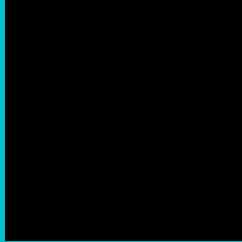
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

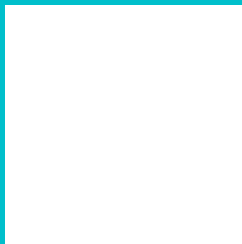
Any Text WCAG AAA ✓ Pass

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

YUV 135.2590, 33.3963, -118.6221 Background



This preview shows how black text looks on a background with the YUV color 135.2590, 33.3963, -118.6221.



This preview shows how white text looks on a background with the YUV color 135.2590, 33.3963, -118.6221.

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

135.2590, 33.3963, -118.6221

Protanopia

171.9810, 8.8834, -2.6143

Deuteranopia

173.1580, 17.1771, -2.7696



Tritanopia

140.9830, 32.0534, -107.8561

Trichromacy



Original Color

135.2590, 33.3963, -118.6221

Protanomaly

159.0080, 17.7441, -44.7340

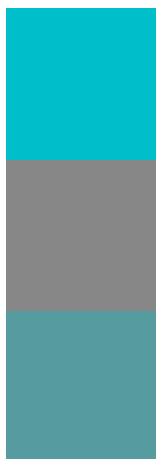
Deuteranomaly

159.0880, 23.1276, -44.8042

Tritanomaly

138.7760, 32.6484, -112.0596

Monochromacy



Original Color

135.2590, 33.3963, -118.6221

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9390, 12.3551, -42.9195

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2590, 33.3963, -118.6221 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(0, 191, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 203)  
}
```

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(0, 191, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 203) }
```

Border

The CSS property to change the border of an element to YUV 135.2590, 33.3963, -118.6221 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(0, 191, 203) }
```


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

```
.border{ border-color:rgb(0, 191, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 135.2590, 33.3963, -118.6221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 203) }
```

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

```
.background{ background-color: rgb(0, 191,  
203) }
```

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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