

Converting Colors

YUV(156.0100, 44.3651,
-136.8208)

Have a look what the booklet for
YUV(156.0100, 44.3651, -136.8208)
contains.

YUV(156.0100, 44.3651, -136.8208)	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>	30

Color

**YUV(156.0100, 44.3651,
-136.8208)**

Conversions

Conversions Part 1

Format	Color
Hex	00DAF6
RGB	0, 218, 246
RGB Percent	0%, 85%, 96%
CMY	1.0000, 0.1451, 0.0353
CMYK	1.00, 0.11, 0.00, 0.04
HSL	187°, 100%, 48%
HSV	187°, 100%, 96%
XYZ	41.7060, 56.7966, 95.9535
YIQ	156.0100, -138.9160, -37.5080

Conversions

Conversions Part 2

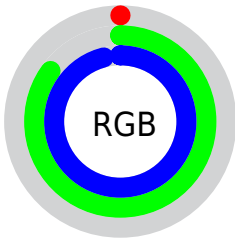
Format	Color
RYB	0, 116, 246
Decimal	56054
CIELab	80.07, -34.13, -26.12
CIELCh	80, 42.974, 217.428
Yxy	56.7966, 0.2145, 0.2921
Android (android.graphics.Color)	4278246134 (0xFF00DAF6)
YUV	156.0100, 44.3651, -136.8208
Hunter-Lab	75.3635, -33.1048, -22.7341

Details

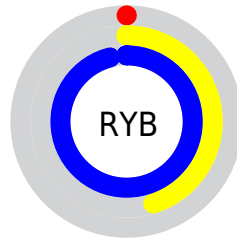
The YUV color **156.0100, 44.3651, -136.8208** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **89.9900, -44.3651, 136.8208**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **117.3410, 35.8209, -102.9081** is the 20% darker color. If you saturate the color by 10%, you get **156.0100, 44.3651, -136.8208**, and if you desaturate by 10%, it is **165.2460, 39.8117, -122.9957**.

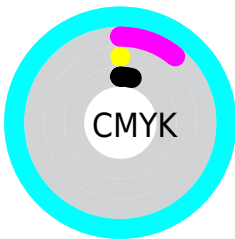
Distribution



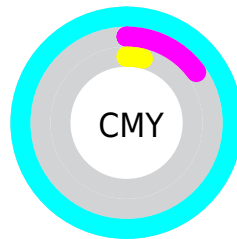
- Red (0%)
- Green (85%)
- Blue (96%)



- Red (0%)
- Yellow (45%)
- Blue (96%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.0100, 44.3651, -136.8208 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 156.0100, 44.3651, -136.8208 by changing the saturation by 10% instead.

156.0100, 44.3651,
-136.8208

156.0100, 44.3651,
-136.8208

255.0000, 0.0000,
0.0000

136.2680, 39.8009,
-119.5070

213.1400, 20.6370,
-86.0688

117.3410, 35.8209,
-102.9081

223.3060, 15.6251,
-65.1664

98.4140, 31.8409,
-86.3091

233.1730, 10.7607,
-44.8787

80.0740, 27.5715,
-70.2249

243.0400, 5.8963,
-24.5911

62.5490, 23.8863,
-54.8555

252.6080, 1.1793,
-4.9182

45.6110, 19.9118,
-40.0008

30.6620, 15.9426,

-26.8906

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 156.0100, 44.3651,
-136.8208

■ 165.2460, 39.8117,
-122.9957

■ 174.1830, 35.4058,
-109.7855

■ 182.8320, 31.1418,
-95.4457

■ 191.7690, 26.7359,
-82.2354

■ 201.0050, 22.1825,
-68.4104

■ 210.2410, 17.6292,
-54.5854

■ 219.1780, 13.2232,
-41.3751

■ 227.8270, 8.9593,
-27.0353

■ 236.7640, 4.5533,
-13.8250

Harmonies

Analogous

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



171.6890, 17.9013, -95.3203



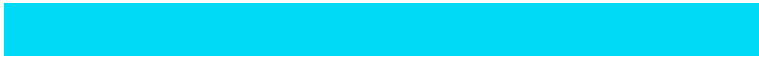
156.0100, 44.3651, -136.8208



178.0430, 37.9398, -82.4757

Triad

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



156.0100, 44.3651, -136.8208



203.4290, 13.0995, 45.2278



194.5500, -37.7391, 17.9347

Complementary

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



156.0100, 44.3651, -136.8208



89.9900, -44.3651, 136.8208

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.



198.1820, -36.0787, 45.4444



156.0100, 44.3651, -136.8208



195.9340, -2.9255, 51.8009

Square

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



156.0100, 44.3651, -136.8208



201.6620, 26.2956, 12.5744



195.1240, -21.2601, 52.5113



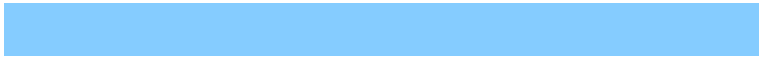
190.4470, -28.3214, -16.1780

Rectangle

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



156.0100, 44.3651, -136.8208



188.5850, 32.7426, -48.7480



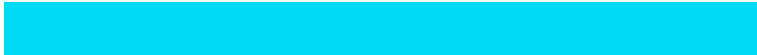
195.1240, -21.2601, 52.5113



196.0890, -38.4979, 27.9859

Sweetspot

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



156.0100, 44.3651, -136.8208



226.9930, 13.8075, -42.0899



147.2520, -60.2702, -129.1400



110.7240, 8.5171, -25.1909



0.0000, 0.0000, 0.0000



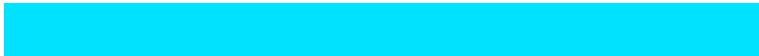
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.0100, 44.3651, -136.8208



161.7320, 45.9811, -141.8390



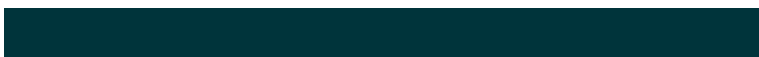
85.5700, 79.0920, -75.0449



117.8250, 2.0583, -6.8625



118.0590, 33.4949, -103.5377



37.2500, 10.7227, -32.6683

Inverse Universe

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



98.4060, 58.9598, 129.4399



102.0090, 61.1276, 134.1731



160.4300, -79.0920, 75.0449



114.8420, 3.0359, 6.2776



74.4240, 44.6540, 97.8522



23.5690, 14.0165, 31.0730

Previews

White Background



This preview shows how the YUV color 156.0100, 44.3651, -136.8208 looks on a white background.

Color Contrast Check

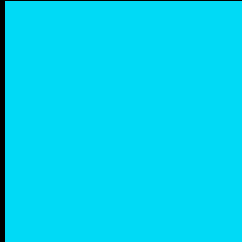
Large Text (above 18pt) WCAG AA × Fail

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 156.0100, 44.3651, -136.8208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

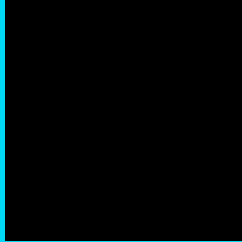
Any Text WCAG AA ✓ Pass

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 156.0100, 44.3651, -136.8208 Background



This preview shows how black text looks on a background with the YUV color 156.0100, 44.3651, -136.8208.



This preview shows how white text looks on a background with the YUV color 156.0100, 44.3651, -136.8208.

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



Protanopia

197.4950, 16.0250, -6.5731

Deuteranopia

197.9320, 26.6555, -9.5874

Tritanopia

155.5710, 40.1445, -136.4358

Trichromacy



Protanomaly

182.2440, 26.5017, -53.7110

Deuteranomaly

182.6550, 33.2011, -55.8254

Tritanomaly

155.9130, 41.4549, -136.7357

Monochromacy



Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.2200, 16.1605, -50.1819

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.0100, 44.3651, -136.8208 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, 218, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 218, 246)  
}
```

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, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 218, 246) }
```

Border

The CSS property to change the border of an element to YUV 156.0100, 44.3651, -136.8208 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, 218, 246) }
```

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

```
.border{ border-color:rgb(0, 218, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 218,  
246) }
```


Background

The CSS property to change the background color of an element to YUV 156.0100, 44.3651, -136.8208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 218, 246) }
```

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

```
.background{ background-color: rgb(0, 218,  
246) }
```

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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