

Converting Colors

YIQ(156.0080, -118.2390,
-32.2790)

Have a look what the booklet for
YIQ(156.0080, -118.2390, -32.2790)
contains.

YIQ(156.0080, -118.2390, -32.2790)	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

**YIQ(156.0080, -118.2390,
-32.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	17D1E8
RGB	23, 209, 232
RGB Percent	9%, 82%, 91%
CMY	0.9101, 0.1801, 0.0907
CMYK	0.90, 0.10, 0.00, 0.09
HSL	187°, 82%, 50%
HSV	187°, 90%, 91%
XYZ	37.7184, 51.6393, 84.2309
YIQ	156.0080, -118.2390, -32.2790

Conversions

Conversions Part 2

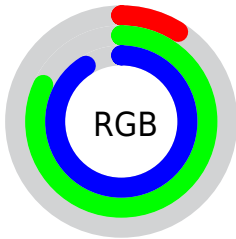
Format	Color
R _Y B	23, 121, 232
Decimal	1561064
CIE Lab	77.06, -33.71, -23.14
CIE LCh	77, 40.889, 214.468
Yxy	51.6393, 0.2173, 0.2975
Android (android.graphics.Color)	4279751144 (0xFF17D1E8)
YUV	156.0080, 37.4641, -116.6480
Hunter-Lab	71.8605, -32.0643, -19.1941

Details

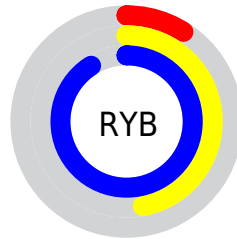
The YIQ color **156.0080, -118.2390, -32.2790** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **98.9920, 118.2390, 32.2790**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.4390, -82.8440, -29.4680**, and **110.4620, -98.8460, -25.8060** is the 20% darker color. If you saturate the color by 10%, you get **147.9570, -131.3970, -36.1090**, and if you desaturate by 10%, it is **164.6460, -105.3560, -28.9720**.

Distribution



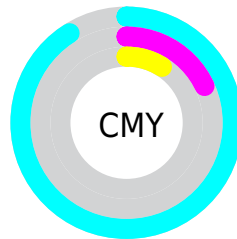
- Red (9%)
- Green (82%)
- Blue (91%)



- Red (9%)
- Yellow (47%)
- Blue (91%)



- Cyan (90%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.0080, -118.2390, -32.2790 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 YIQ color 156.0080, -118.2390, -32.2790 by changing the saturation by 10% instead.

156.0080,
-118.2390, -32.2790

156.0080,
-118.2390, -32.2790

255.0000, -0.0000,
-0.0000

129.5030,
-115.2590, -31.2190

213.1400,
-83.4400, -29.6800

110.4620,
-98.8460, -25.8060

223.3060,
-63.1760, -22.4720

92.2360, -83.3500,
-20.2940

232.8740,
-44.1040, -15.6880

74.0100, -67.8540,
-14.7820

242.4420,
-25.0320, -8.9040

57.0720, -53.2290,
-10.0050

252.0100, -5.9600,
-2.1200

40.2480, -38.9250,
-4.9170

25.8860, -26.0420,

-1.6100

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 156.0080,
-118.2390, -32.2790

■ 156.0080,
-118.2390, -32.2790

■ 147.9570,
-131.3970, -36.1090

■ 164.6460,
-105.3560, -28.9720

■ 172.6970,
-92.1980, -25.1420

■ 181.3350,
-79.3150, -21.8350

■ 189.6850,
-65.5610, -17.7930

■ 198.3230,
-52.6780, -14.4860

■ 206.3740,
-39.5200, -10.6560

■ 215.0120,
-26.6370, -7.3490

■ 223.0630,
-13.4790, -3.5190

■ 232.0000, -0.0000,
0.0000

Harmonies

Analogous

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



167.0170, -78.9000, -34.8680



156.0080, -118.2390, -32.2790



171.2540, -91.7880, -10.5400

Triad

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



156.0080, -118.2390, -32.2790



195.6350, 27.2740, 34.3620



187.3160, 36.3160, -19.3960

Complementary

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



156.0080, -118.2390, -32.2790



98.9920, 118.2390, 32.2790

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.



190.2790, 56.0740, -3.0140



156.0080, -118.2390, -32.2790



191.9560, 47.9990, 27.7030

Square

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



156.0080, -118.2390, -32.2790



193.7260, -9.7710, 28.4130



190.0860, 58.7760, 14.1040



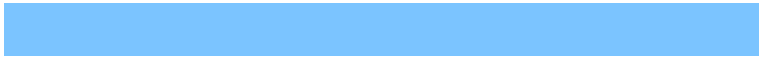
182.9960, 4.6820, -29.7980

Rectangle

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



156.0080, -118.2390, -32.2790



180.8990, -62.4470, 2.8730



190.0860, 58.7760, 14.1040



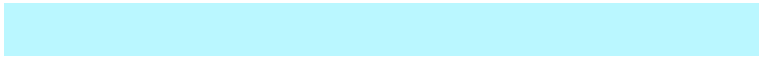
188.6700, 44.2470, -14.4490

Sweetspot

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



156.0080, -118.2390, -32.2790



229.6730, -38.9240, -10.4440



148.0770, -64.2160, -102.7760



112.8060, -23.0610, -6.0770



0.0000, 0.0000, 0.0000



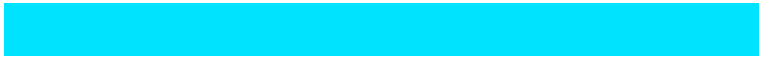
128.0000, -0.0000, -0.0000

Same Dimension

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



156.0080, -118.2390, -32.2790



162.3190, -144.2800, -39.4160



96.1340, -90.1890, 21.0670



110.2380, -6.6020, -1.4980



113.7390, -101.1840, -27.4880



32.2290, -28.7460, -7.6740

Inverse Universe

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



106.6950, 64.8580, 102.1540



102.1230, 79.1130, 124.6570



158.8660, 90.1890, -21.0670



107.7280, 3.9420, 5.6540



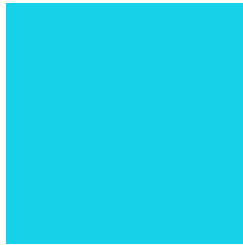
71.6470, 55.6450, 87.3970



20.3790, 15.9510, 24.8070

Previews

White Background



This preview shows how the YIQ color 156.0080, -118.2390, -32.2790 looks on a white background.

Color Contrast Check

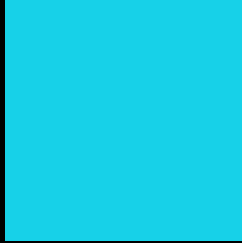
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 156.0080, -118.2390, -32.2790 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](#).

YIQ 156.0080, -118.2390, -32.2790 Background



This preview shows how black text looks on a background with the YIQ color 156.0080, -118.2390, -32.2790.



This preview shows how white text looks on a background with the YIQ color 156.0080, -118.2390, -32.2790.

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

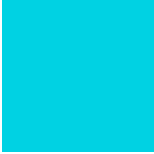
156.0080, -118.2390, -32.2790

Protanopia

189.2240, -12.0140, 8.4820

Deuteranopia

190.0310, -18.4800, 15.5360



Tritanopia

149.1480, -130.6170, -39.2330

Trichromacy



Original Color

156.0080, -118.2390, -32.2790



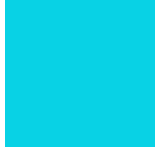
Protanomaly

177.1480, -50.3870, -6.4430



Deuteranomaly

177.7440, -54.8810, -2.0890



Tritanomaly

151.7680, -126.4910, -36.9150

Monochromacy



Original Color

156.0080, -118.2390, -32.2790



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

155.9930, -42.8210, -11.4050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.0080, -118.2390, -32.2790 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(23, 209, 232)` looks like.

```
.text, #text, p{  
    color:rgb(23, 209, 232)  
}
```

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(23, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 209, 232) }
```

Border

The CSS property to change the border of an element to YIQ 156.0080, -118.2390, -32.2790 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(23, 209, 232) }
```


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

```
.border{ border-color:rgb(23, 209, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 209, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(23, 209,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 156.0080, -118.2390, -32.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 209, 232) }
```

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

```
.background{ background-color: rgb(23, 209,  
232) }
```

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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