

Converting Colors

YIQ(196.4630, -92.5600,
-51.6320)

Have a look what the booklet for
YIQ(196.4630, -92.5600, -51.6320)
contains.

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Color

**YIQ(196.4630, -92.5600,
-51.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	4CFFD3
RGB	76, 255, 211
RGB Percent	30%, 100%, 83%
CMY	0.7024, 0.0000, 0.1729
CMYK	0.70, 0.00, 0.17, 0.00
HSL	165°, 100%, 65%
HSV	165°, 70%, 100%
XYZ	50.4785, 77.7507, 73.9191
YIQ	196.4630, -92.5600, -51.6320

Conversions

Conversions Part 2

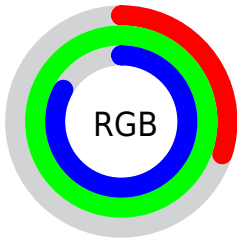
Format	Color
RYB	76, 178, 255
Decimal	5046227
CIELab	90.67, -54.86, 8.13
CIELCh	91, 55.456, 171.570
Yxy	77.7507, 0.2497, 0.3846
Android (android.graphics.Color)	4283236307 (0xFF4CFFD3)
YUV	196.4630, 7.1667, -105.6461
Hunter-Lab	88.1763, -52.1222, 12.0201

Details

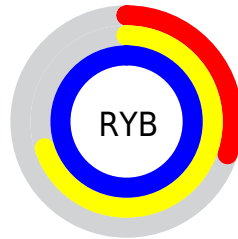
The YIQ color **196.4630, -92.5600, -51.6320** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **134.5370, 92.5600, 51.6320**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.4090, -64.9640, -23.1080**, and **133.5370, -104.5720, -54.2040** is the 20% darker color. If you saturate the color by 10%, you get **188.0050, -106.1300, -59.0100**, and if you desaturate by 10%, it is **204.6220, -79.5860, -44.4660**.

Distribution



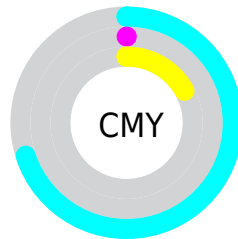
- Red (30%)
- Green (100%)
- Blue (83%)



- Red (30%)
- Yellow (70%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (70%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.4630, -92.5600, -51.6320 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 196.4630, -92.5600, -51.6320 by changing the saturation by 10% instead.


 196.4630,
-92.5600, -51.6320


 196.4630,
-92.5600, -51.6320


 255.0000, -0.0000,
-0.0000


 159.5040,
-108.9730, -57.0450


 222.4090,
-64.9640, -23.1080


 133.4230,
-104.2510, -54.5150


 231.9770,
-45.8920, -16.3240


 114.0230,
-88.2050, -47.9570

 241.2460,
-27.4160, -9.7520

 95.3240, -72.7550,
-41.6110

 250.8140, -8.3440,
-2.9680

 76.7390, -57.6260,
-34.9540

 59.4420, -43.3680,
-29.0320

 42.3730, -29.7520,

-22.4880

■ 26.4780, -16.6860,
-16.9900

■ 2.9350, -1.3750,
-2.6150

■ 196.4630,
-92.5600, -51.6320

■ 196.4630,
-92.5600, -51.6320

■ 188.0050,
-106.1300, -59.0100

■ 204.6220,
-79.5860, -44.4660

■ 179.7320,
-118.7830, -66.4870

■ 213.0800,
-66.0160, -37.0880

■ 171.5730,
-131.7570, -73.6530

■ 221.3530,
-53.3630, -29.6110

■ 229.8110,
-39.7930, -22.2330

■ 237.9700,
-26.8190, -15.0670

■ 246.5420,
-13.5700, -7.3780

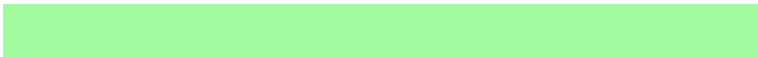
254.7010, -0.5960,
-0.2120

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.



212.5420, -23.8790, -46.3350



196.4630, -92.5600, -51.6320



178.7550, -151.9800, -54.0600

Triad

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



196.4630, -92.5600, -51.6320



221.0000, -17.1950, 8.7650



210.9900, 49.5180, -5.3460

Complementary

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



196.4630, -92.5600, -51.6320



134.5370, 92.5600, 51.6320

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.



207.9020, 38.9230, 15.9710



196.4630, -92.5600, -51.6320



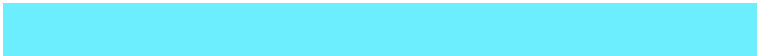
222.7150, 15.1250, 28.7650

Square

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



196.4630, -92.5600, -51.6320



201.0680, -82.9370, -22.2730



214.0580, 21.5890, 32.7650



219.2930, 52.3180, -23.0580

Rectangle

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



196.4630, -92.5600, -51.6320



177.5810, -151.4300, -53.0140



214.0580, 21.5890, 32.7650



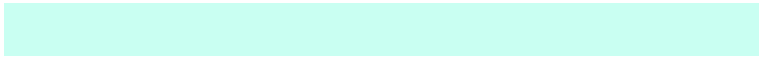
208.9500, 46.9950, 1.8350

Sweetspot

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



196.4630, -92.5600, -51.6320



237.3720, -28.0110, -15.4910



194.5280, -22.4050, -84.0770



117.5200, -16.5040, -9.2720



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.



196.4630, -92.5600, -51.6320



184.9720, -110.5310, -61.8510



175.0640, -94.3090, -14.4130



123.6570, -6.4640, -4.0000



128.5330, -98.7490, -55.1090



43.0400, -33.0080, -18.5440

Inverse Universe

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



134.5370, 92.5600, 51.6320



111.0280, 110.5310, 61.8510



155.9360, 94.3090, 14.4130



119.2290, 6.7850, 3.6890



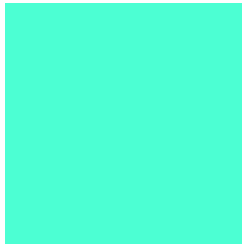
62.4670, 98.7490, 55.1090



20.9600, 33.0080, 18.5440

Previews

White Background



This preview shows how the YIQ color 196.4630, -92.5600, -51.6320 looks on a white background.

Color Contrast Check

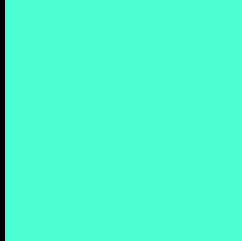
Large Text (above 18pt) WCAG AA × Fail

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 196.4630, -92.5600, -51.6320 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 196.4630, -92.5600, -51.6320 Background



This preview shows how black text looks on a background with the YIQ color 196.4630, -92.5600, -51.6320.



This preview shows how white text looks on a background with the YIQ color 196.4630, -92.5600, -51.6320.

-51.6320.

Color Blindness Simulation

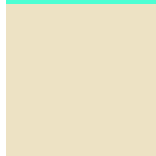
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



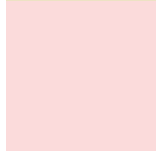
Original Color

196.4630, -92.5600, -51.6320



Protanopia

225.8690, 16.1860, -6.9980



Deuteranopia

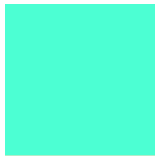
228.5680, 19.0720, 6.7840



Tritanopia

217.1810, -55.1540, -13.6660

Trichromacy



Original Color

196.4630, -92.5600, -51.6320



Protanomaly

215.2550, -23.6080, -23.7040



Deuteranomaly

216.7210, -21.6840, -14.5160



Tritanomaly

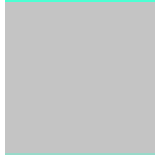
209.6210, -68.6770, -27.4050

Monochromacy



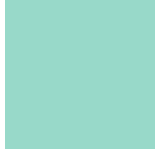
Original Color

196.4630, -92.5600, -51.6320



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

195.7410, -33.6040, -18.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4630, -92.5600, -51.6320 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(76, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(76, 255, 211)  
}
```

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(76, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 255, 211) }
```

Border

The CSS property to change the border of an element to YIQ 196.4630, -92.5600, -51.6320 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(76, 255, 211) }
```


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

```
.border{ border-color:rgb(76, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(76, 255,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4630, -92.5600, -51.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 255, 211) }
```

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

```
.background{ background-color: rgb(76, 255,  
211) }
```

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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