

Converting Colors

YIQ(154.9220, -116.2620,
-62.6140)

Have a look what the booklet for
YIQ(154.9220, -116.2620, -62.6140)
contains.

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Color

**YIQ(154.9220, -116.2620,
-62.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	05E3B1
RGB	5, 227, 177
RGB Percent	2%, 89%, 69%
CMY	0.9808, 0.1094, 0.3063
CMYK	0.98, 0.00, 0.22, 0.11
HSL	166°, 96%, 45%
HSV	166°, 98%, 89%
XYZ	35.4805, 58.1905, 50.9005
YIQ	154.9220, -116.2620, -62.6140

Conversions

Conversions Part 2

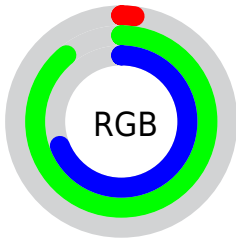
Format	Color
RYB	5, 130, 227
Decimal	385969
CIELab	80.84, -57.42, 11.75
CIELCh	81, 58.609, 168.433
Yxy	58.1905, 0.2454, 0.4025
Android (android.graphics.Color)	4278576049 (0xFF05E3B1)
YUV	154.9220, 10.8845, -131.4816
Hunter-Lab	76.2827, -50.4712, 13.8360

Details

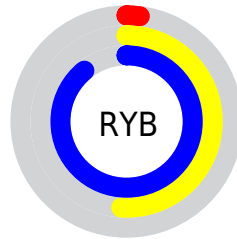
The YIQ color **154.9220, -116.2620, -62.6140** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **77.0780, 116.2620, 62.6140**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1370, -79.3580, -37.5820**, and **113.9260, -86.5540, -50.3460** is the 20% darker color. If you saturate the color by 10%, you get **153.3130, -118.9210, -63.9850**, and if you desaturate by 10%, it is **162.3690, -104.1590, -56.1830**.

Distribution



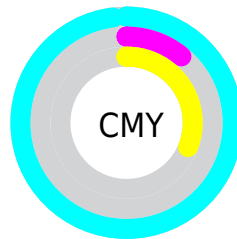
- Red (2%)
- Green (89%)
- Blue (69%)



- Red (2%)
- Yellow (51%)
- Blue (89%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.9220, -116.2620, -62.6140 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 154.9220, -116.2620, -62.6140 by changing the saturation by 10% instead.

■ 154.9220,
-116.2620, -62.6140

■ 154.9220,
-116.2620, -62.6140

■ 255.0000, -0.0000,
-0.0000

■ 133.3260,
-102.6000, -56.9040

■ 209.1370,
-79.3580, -37.5820

■ 113.9260,
-86.5540, -50.3460

■ 221.5120,
-66.7520, -23.7440

■ 95.2270, -71.1040,
-44.0000

■ 231.0800,
-47.6800, -16.9600

■ 76.6420, -55.9750,
-37.3430

■ 240.6480,
-28.6080, -10.1760

■ 58.8720, -41.7630,
-30.5870

■ 250.2160, -9.5360,
-3.3920

■ 41.6890, -27.8260,
-24.3540

■ 25.6800, -14.4390,

-19.1670

■ 3.5220, -1.6500,
-3.1380

■ 0.0000, 0.0000,
0.0000

■ 154.9220,
-116.2620, -62.6140

■ 154.9220,
-116.2620, -62.6140

■ 153.3130,
-118.9210, -63.9850

■ 162.3690,
-104.1590, -56.1830

■ 169.5170,
-92.6520, -49.9640

■ 176.9640,
-80.5490, -43.5330

■ 184.4110,
-68.4460, -37.1020

■ 191.6730,
-57.2600, -30.5720

■ 199.1200,
-45.1570, -24.1410

■ 206.5670,
-33.0540, -17.7100

■ 214.0140,
-20.9510, -11.2790

■ 221.1620, -9.4440,
-5.0600

Harmonies

Analogous

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



184.0540, -19.5690, -47.3530



154.9220, -116.2620, -62.6140



160.5120, -137.8140, -46.4700

Triad

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



154.9220, -116.2620, -62.6140



194.0660, -34.7560, 13.1480



189.8290, 66.3890, 2.7810

Complementary

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



154.9220, -116.2620, -62.6140



77.0780, 116.2620, 62.6140

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.



187.0830, 54.8310, 25.0310



154.9220, -116.2620, -62.6140



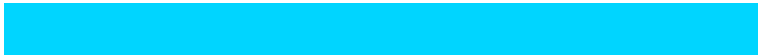
204.4740, 17.7820, 41.1900

Square

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



154.9220, -116.2620, -62.6140



154.1010, -140.4300, -32.0940



193.9400, 36.9010, 41.6130



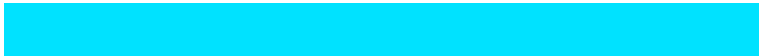
196.9530, 68.1350, -17.8570

Rectangle

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



154.9220, -116.2620, -62.6140



161.7320, -144.0050, -38.8930



193.9400, 36.9010, 41.6130



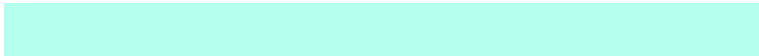
187.9030, 63.5450, 10.2730

Sweetspot

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



154.9220, -116.2620, -62.6140



230.9360, -38.6470, -20.9750



150.8620, -30.0580, -105.0820



113.2910, -23.2890, -12.9610



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.



154.9220, -116.2620, -62.6140



172.1430, -133.3620, -72.0980



125.9890, -116.0870, -16.2070



111.0700, -6.1890, -3.4770



120.8050, -93.5230, -50.6990



34.3830, -26.5440, -14.5440

Inverse Universe

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



77.0780, 116.2620, 62.6140



82.8570, 133.3620, 72.0980



106.0110, 116.0870, 16.2070



106.9300, 6.1890, 3.4770



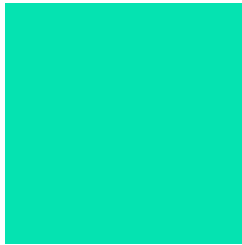
58.0810, 93.8440, 50.3880



16.6170, 26.5440, 14.5440

Previews

White Background



This preview shows how the YIQ color 154.9220, -116.2620, -62.6140 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 154.9220, -116.2620, -62.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

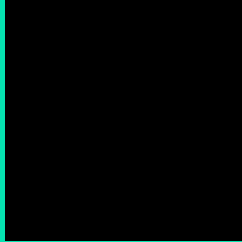
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

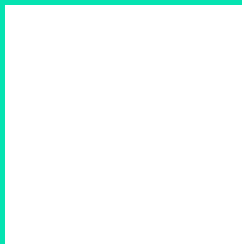
Any Text WCAG AAA ✓ Pass

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

YIQ 154.9220, -116.2620, -62.6140 Background



This preview shows how black text looks on a background with the YIQ color 154.9220, -116.2620, -62.6140.

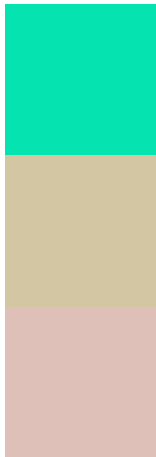


This preview shows how white text looks on a background with the YIQ color 154.9220, -116.2620, -62.6140.

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

154.9220, -116.2620, -62.6140

Protanopia

198.4840, 18.7080, -8.6520

Deuteranopia

200.4710, 20.7230, 4.3950



Tritanopia

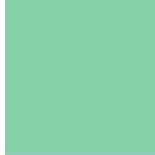
176.5010, -94.5820, -25.9900

Trichromacy



Original Color

154.9220, -116.2620, -62.6140



Protanomaly

182.4990, -30.3470, -28.2270



Deuteranomaly

184.1390, -28.9730, -20.0850



Tritanomaly

168.5780, -102.6490, -39.4890

Monochromacy



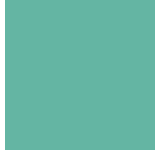
Original Color

154.9220, -116.2620, -62.6140



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

154.7290, -42.4980, -22.7700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.9220, -116.2620, -62.6140 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(5, 227, 177)` looks like.

```
.text, #text, p{  
    color:rgb(5, 227, 177)  
}
```

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(5, 227, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 227, 177) }
```

Border

The CSS property to change the border of an element to YIQ 154.9220, -116.2620, -62.6140 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(5, 227, 177) }
```


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

```
.border{ border-color:rgb(5, 227, 177) }
```

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

Here you see how a box with a 4 pixel rgb(5, 227, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 227, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 227, 177);  
box-shadow:4px 4px 4px 4px rgb(5, 227,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 154.9220, -116.2620, -62.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 227, 177) }
```

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

```
.background{ background-color: rgb(5, 227,  
177) }
```

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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