

Converting Colors

YIQ(165.5880, -22.6340,
-85.4340)

Have a look what the booklet for
YIQ(165.5880, -22.6340, -85.4340)
contains.

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Color

**YIQ(165.5880, -22.6340,
-85.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE32D
RGB	91, 227, 45
RGB Percent	36%, 89%, 18%
CMY	0.6436, 0.1096, 0.8234
CMYK	0.60, 0.00, 0.80, 0.11
HSL	105°, 77%, 53%
HSV	105°, 80%, 89%
XYZ	32.2619, 57.3772, 11.8585
YIQ	165.5880, -22.6340, -85.4340

Conversions

Conversions Part 2

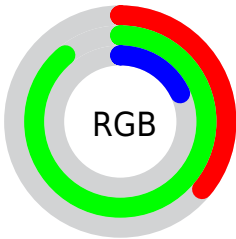
Format	Color
RYB	45, 227, 181
Decimal	6021933
CIELab	80.39, -66.70, 70.68
CIELCh	80, 97.182, 133.339
Yxy	57.3772, 0.3179, 0.5653
Android (android.graphics.Color)	4284212013 (0xFF5BE32D)
YUV	165.5880, -59.4499, -65.4137
Hunter-Lab	75.7478, -56.5332, 43.7415

Details

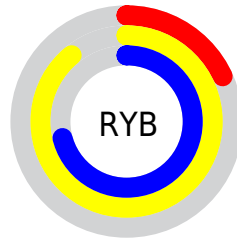
The YIQ color **165.5880, -22.6340, -85.4340** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **106.4120, 22.6340, 85.4340**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1140, -11.7710, -67.5390**, and **99.7900, -46.7500, -88.9100** is the 20% darker color. If you saturate the color by 10%, you get **157.8830, -25.3830, -96.1910**, and if you desaturate by 10%, it is **173.2930, -19.8850, -74.6770**.

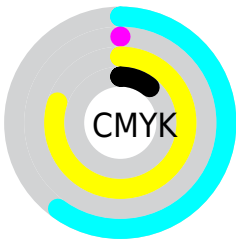
Distribution



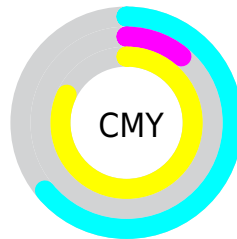
- Red (36%)
- Green (89%)
- Blue (18%)



- Red (18%)
- Yellow (89%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (80%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.5880, -22.6340, -85.4340 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 165.5880, -22.6340, -85.4340 by changing the saturation by 10% instead.

■ 165.5880,
-22.6340, -85.4340

■ 165.5880,
-22.6340, -85.4340

■ 255.0000, -0.0000,
-0.0000

■ 132.3720,
-22.2660, -92.1060

■ 208.1140,
-11.7710, -67.5390

■ 99.7900, -46.7500,
-88.9100

■ 220.3900, -3.2000,
-52.1600

■ 83.9410, -39.3250,
-74.7890

■ 232.8510, 6.2880,
-36.8800

■ 68.0920, -31.9000,
-60.6680

■ 245.4260, 15.4550,
-21.2890

■ 52.8300, -24.7500,
-47.0700

■ 251.2380, 10.5930,
-10.2630

■ 38.1550, -17.8750,
-33.9950

■ 254.5440, 1.2840,

■ 24.0670, -11.2750,

-1.2440

-21.4430

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 165.5880,
-22.6340, -85.4340

■ 165.5880,
-22.6340, -85.4340

■ 157.8830,
-25.3830, -96.1910

■ 173.2930,
-19.8850, -74.6770

■ 150.2920,
-28.4530, -106.6370

■ 180.8840,
-16.8150, -64.2310


■ 188.5890,
-14.0660, -53.4740


■ 196.2940,
-11.3170, -42.7170

 203.9990, -8.5680,
-31.9600

 211.5900, -5.4980,
-21.5140

 219.2950, -2.7490,
-10.7570

 227.0000, -0.0000,
-0.0000

 234.5910, 3.0700,
10.4460

Harmonies

Analogous

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



182.4940, 63.1920, -65.9600



165.5880, -22.6340, -85.4340



155.5350, -111.3990, -79.1670

Triad

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



165.5880, -22.6340, -85.4340



160.5580, -143.4550, -37.8470



150.5920, 73.5320, 55.0680

Complementary

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



165.5880, -22.6340, -85.4340



106.4120, 22.6340, 85.4340

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.



168.0100, 41.0210, 77.0930



165.5880, -22.6340, -85.4340



144.7090, -136.0300, -23.7260

Square

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



165.5880, -22.6340, -85.4340



168.1890, -147.0300, -44.6460



195.1150, 26.5830, 52.3990



163.0940, 90.6880, 8.4480

Rectangle

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



165.5880, -22.6340, -85.4340



163.8910, -132.1720, -60.6200



195.1150, 26.5830, 52.3990



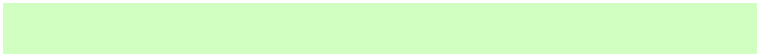
152.2510, 64.7270, 65.9670

Sweetspot

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



165.5880, -22.6340, -85.4340



234.2920, -7.8350, -28.7230



178.0760, 71.6220, -31.4980



115.4100, -4.8110, -17.4430



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.



165.5880, -22.6340, -85.4340



172.3530, -30.4230, -114.9910



156.6220, -63.5320, -82.1240



110.9410, -1.5120, -5.6400



118.5280, -22.4050, -84.0770



33.8240, -6.2770, -23.9170

Inverse Universe

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



106.4120, 22.6340, 85.4340



92.6470, 30.4230, 114.9910



115.3780, 63.5320, 82.1240



107.0590, 1.5120, 5.6400



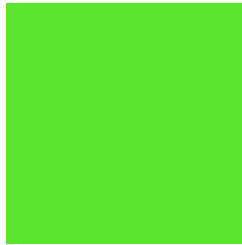
60.4720, 22.4050, 84.0770



17.1760, 6.2770, 23.9170

Previews

White Background



This preview shows how the YIQ color 165.5880, -22.6340, -85.4340 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 165.5880, -22.6340, -85.4340 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 165.5880, -22.6340, -85.4340 Background



This preview shows how black text looks on a background with the YIQ color 165.5880, -22.6340, -85.4340.



This preview shows how white text looks on a background with the YIQ color 165.5880, -22.6340, -85.4340.

-85.4340.

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

165.5880, -22.6340, -85.4340

Protanopia

187.1210, 66.5810, -44.7710

Deuteranopia

191.8040, 75.5640, -25.8440



Tritanopia

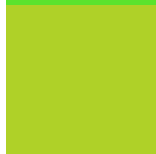
187.8220, -55.5210, -12.5210

Trichromacy



Original Color

165.5880, -22.6340, -85.4340



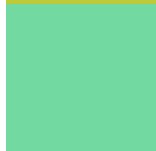
Protanomaly

179.5680, 33.9850, -59.7670



Deuteranomaly

182.1810, 39.9890, -47.4270



Tritanomaly

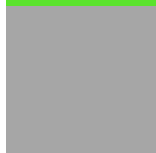
179.8190, -43.4120, -39.2520

Monochromacy



Original Color

165.5880, -22.6340, -85.4340



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

165.8250, -8.0180, -30.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.5880, -22.6340, -85.4340 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(91, 227, 45)` looks like.

```
.text, #text, p{  
    color:rgb(91, 227, 45)  
}
```

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(91, 227, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 227, 45) }
```

Border

The CSS property to change the border of an element to YIQ 165.5880, -22.6340, -85.4340 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(91, 227, 45) }
```


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

```
.border{ border-color:rgb(91, 227, 45) }
```

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

Here you see how a box with a 4 pixel rgb(91, 227, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 227, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 227, 45);  
box-shadow:4px 4px 4px 4px rgb(91, 227,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 165.5880, -22.6340, -85.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 227, 45) }
```

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

```
.background{ background-color: rgb(91, 227,  
45) }
```

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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