

Converting Colors

YIQ(192.5850, 8.9520, -63.1440)

Have a look what the booklet for
YIQ(192.5850, 8.9520, -63.1440)
contains.

YIQ(192.5850, 8.9520, -63.1440)	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(192.5850, 8.9520,
-63.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E74B
RGB	162, 231, 75
RGB Percent	64%, 91%, 29%
CMY	0.3650, 0.0940, 0.7057
CMYK	0.30, 0.00, 0.68, 0.09
HSL	87°, 76%, 60%
HSV	87°, 68%, 91%
XYZ	44.7420, 65.3508, 16.9196
YIQ	192.5850, 8.9520, -63.1440

Conversions

Conversions Part 2

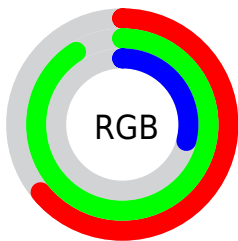
Format	Color
RYB	75, 231, 144
Decimal	10676043
CIELab	84.66, -44.95, 66.03
CIELCh	85, 79.879, 124.241
Yxy	65.3508, 0.3523, 0.5145
Android (android.graphics.Color)	4288866123 (0xFFA2E74B)
YUV	192.5850, -57.9694, -26.8230
Hunter-Lab	80.8398, -42.6762, 44.1786

Details

The YIQ color **192.5850, 8.9520, -63.1440** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **113.4150, -8.9520, 63.1440**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.6980, 19.5400, -45.7720**, and **134.1200, 14.4550, -69.2650** is the 20% darker color. If you saturate the color by 10%, you get **186.9730, 10.3750, -72.4170**, and if you desaturate by 10%, it is **198.1970, 7.5290, -53.8710**.

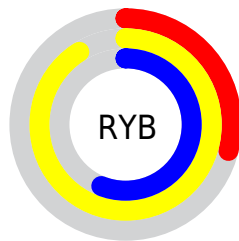
Distribution



Red (64%)

Green (91%)

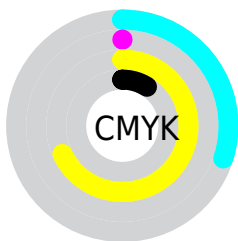
Blue (29%)



Red (29%)

Yellow (91%)

Blue (56%)

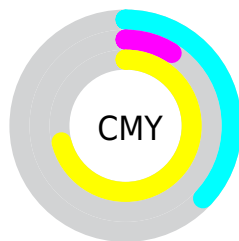


Cyan (30%)

Magenta (0%)

Yellow (68%)

Black (9%)



Cyan (37%)

Magenta (9%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.5850, 8.9520, -63.1440 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 192.5850, 8.9520, -63.1440 by changing the saturation by 10% instead.

■ 192.5850, 8.9520,
-63.1440

■ 192.5850, 8.9520,
-63.1440

■ 255.0000, -0.0000,
-0.0000

■ 164.0580, 8.9980,
-63.9780

■ 230.3990, 18.9440,
-45.9840

■ 134.1200, 14.4550,
-69.2650

■ 242.5610, 27.8360,
-30.9160

■ 109.6000, 4.5960,
-61.2920

■ 247.3620, 21.5070,
-20.8370

■ 85.0690, -6.7300,
-54.2660

■ 250.6680, 12.1980,
-11.8180

■ 56.9500, -25.2080,
-49.7840

■ 253.9740, 2.8890,
-2.7990

■ 42.2640, -19.8000,
-37.6560

■ 28.7630, -13.4750,

-25.6270

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 192.5850, 8.9520,
-63.1440

■ 192.5850, 8.9520,
-63.1440

■ 186.9730, 10.3750,
-72.4170

■ 198.1970, 7.5290,
-53.8710

■ 181.0620, 11.2020,
-81.9020


■ 203.8090, 6.1060,
-44.5980


■ 175.4500, 12.6250,
-91.1750


■ 209.7200, 5.2790,
-35.1130

■ 174.1680, 13.3590,
-93.4650


■ 215.3320, 3.8560,
-25.8400

 221.0580, 2.1120,
-16.2560

 226.6700, 0.6890,
-6.9830

 232.5810, -0.1380,
2.5020

 237.6230, 0.0440,
10.2200

 240.6130, 6.0040,
12.3400

Harmonies

Analogous

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



199.9490, 72.8170, -47.6550



192.5850, 8.9520, -63.1440



158.2420, -112.1320, -82.4040

Triad

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



192.5850, 8.9520, -63.1440



167.6020, -146.7550, -44.1230



180.5070, 48.5460, 45.3300

Complementary

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



192.5850, 8.9520, -63.1440



113.4150, -8.9520, 63.1440

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.



195.7130, 27.7750, 52.8230



192.5850, 8.9520, -63.1440



156.4490, -141.5300, -34.1860

Square

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



192.5850, 8.9520, -63.1440



173.4720, -149.5050, -49.3530



206.7120, 2.0120, 29.6280



180.9900, 67.8540, 14.7820

Rectangle

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



192.5850, 8.9520, -63.1440



166.5180, -129.9240, -68.3240



206.7120, 2.0120, 29.6280



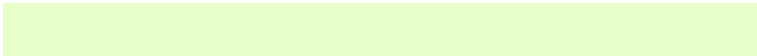
184.5310, 39.9710, 52.0590

Sweetspot

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



192.5850, 8.9520, -63.1440



242.3090, 2.6630, -20.7370



161.5600, 74.2760, -2.4920



120.2800, 1.6070, -12.6090



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.



192.5850, 8.9520, -63.1440



204.1930, 12.2110, -83.6690



169.5620, -36.9400, -79.4680



112.1370, 0.8720, -4.7920



134.6740, 9.7790, -72.6290



38.3090, 2.6630, -20.7370

Inverse Universe

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



113.4150, -8.9520, 63.1440



99.1060, -11.6150, 83.8810



136.4380, 36.9400, 79.4680



105.8630, -0.8720, 4.7920



44.0270, -10.3750, 72.4170



12.6910, -2.6630, 20.7370

Previews

White Background



This preview shows how the YIQ color 192.5850, 8.9520, -63.1440 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 192.5850, 8.9520, -63.1440 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 192.5850, 8.9520, -63.1440

Background



This preview shows how black text looks on a background with the YIQ color 192.5850, 8.9520, -63.1440.



This preview shows how white text looks on a background with the YIQ color 192.5850, 8.9520,

-63.1440.

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

192.5850, 8.9520, -63.1440

Protanopia

202.1020, 59.5650, -38.7630

Deuteranopia

207.8150, 59.8360, -16.1320



Tritanopia

208.0710, -25.1250, -1.7090

Trichromacy



Original Color

192.5850, 8.9520, -63.1440

Protanomaly

198.3660, 40.9060, -47.5260

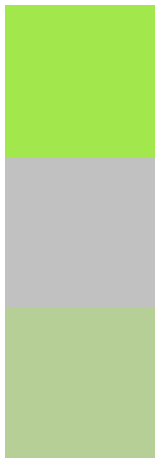
Deuteranomaly

202.5100, 41.0410, -33.4470

Tritanomaly

202.1160, -12.9710, -23.7470

Monochromacy



Original Color

192.5850, 8.9520, -63.1440

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.0270, 3.3970, -23.0270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.5850, 8.9520, -63.1440 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(162, 231, 75)` looks like.

```
.text, #text, p{  
    color:rgb(162, 231, 75)  
}
```

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(162, 231, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 231, 75) }
```

Border

The CSS property to change the border of an element to YIQ 192.5850, 8.9520, -63.1440 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(162, 231, 75) }
```


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

```
.border{ border-color:rgb(162, 231, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 231, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 231, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 231, 75);  
box-shadow:4px 4px 4px 4px rgb(162, 231,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 192.5850, 8.9520, -63.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 231, 75) }
```

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

```
.background{ background-color: rgb(162,  
231, 75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor