

Converting Colors

YIQ(164.5650, 20.8720,
-58.9040)

Have a look what the booklet for
YIQ(164.5650, 20.8720, -58.9040)
contains.

YIQ(164.5650, 20.8720, -58.9040)	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(164.5650, 20.8720,
-58.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	94C529
RGB	148, 197, 41
RGB Percent	58%, 77%, 16%
CMY	0.4198, 0.2274, 0.8390
CMYK	0.25, 0.00, 0.79, 0.23
HSL	79°, 66%, 47%
HSV	79°, 79%, 77%
XYZ	32.5749, 46.3929, 9.3404
YIQ	164.5650, 20.8720, -58.9040

Conversions

Conversions Part 2

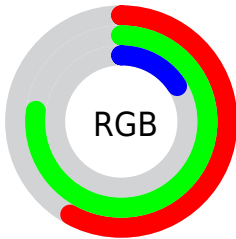
Format	Color
RYB	41, 197, 90
Decimal	9749801
CIELab	73.80, -37.16, 66.62
CIELCh	74, 76.285, 119.153
Yxy	46.3929, 0.3689, 0.5254
Android (android.graphics.Color)	4287939881 (0xFF94C529)
YUV	164.5650, -60.9175, -14.5275
Hunter-Lab	68.1124, -33.8287, 39.5481

Details

The YIQ color **164.5650, 20.8720, -58.9040** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **73.4350, -20.8720, 58.9040**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.0920, 20.8260, -58.0700**, and **111.4490, 15.5070, -55.2850** is the 20% darker color. If you saturate the color by 10%, you get **160.4910, 23.7160, -66.3960**, and if you desaturate by 10%, it is **168.6390, 18.0280, -51.4120**.

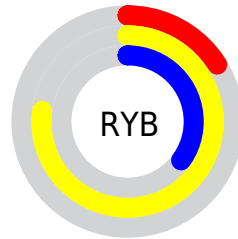
Distribution



Red (58%)

Green (77%)

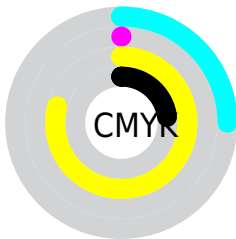
Blue (16%)



Red (16%)

Yellow (77%)

Blue (35%)

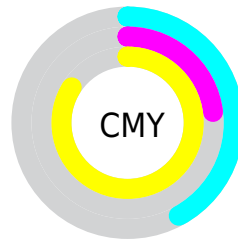


Cyan (25%)

Magenta (0%)

Yellow (79%)

Black (23%)



Cyan (42%)

Magenta (23%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.5650, 20.8720, -58.9040 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 164.5650, 20.8720, -58.9040 by changing the saturation by 10% instead.

■ 164.5650, 20.8720,
-58.9040

■ 164.5650, 20.8720,
-58.9040

■ 255.0000, -0.0000,
-0.0000

■ 135.6700, 24.7700,
-63.4700

■ 222.0920, 20.8260,
-58.0700

■ 111.4490, 15.5070,
-55.2850

■ 234.5420, 28.8470,
-43.7370

■ 87.8150, 5.9690,
-47.6230

■ 243.7140, 31.7790,
-30.7890

■ 64.1700, -5.0360,
-40.9080

■ 247.0200, 22.4700,
-21.7700

■ 39.9160, -18.7000,
-35.5640

■ 250.2120, 13.4820,
-13.0620

■ 26.4150, -12.3750,
-23.5350

■ 253.6320, 3.8520,

■ 12.9140, -6.0500,

-3.7320

-11.5060

■ 0.0000, 0.0000,
0.0000

■ 164.5650, 20.8720,
-58.9040

■ 164.5650, 20.8720,
-58.9040

■ 160.4910, 23.7160,
-66.3960

■ 168.6390, 18.0280,
-51.4120

■ 156.5310, 26.2390,
-73.5770

■ 172.5990, 15.5050,
-44.2310

■ 156.0040, 26.2850,
-74.4110

■ 176.9720, 13.2570,
-36.5270

■ 181.0460, 10.4130,
-29.0350

■ 185.1200, 7.5690,
-21.5430

■ 189.0800, 5.0460,
-14.3620

■ 193.1540, 2.2020,
-6.8700

■ 197.5270, -0.0460,
0.8340

■ 201.4870, -2.5690,
8.0150

Harmonies

Analogous

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



168.7820, 80.6570, -46.5670



164.5650, 20.8720, -58.9040



135.2620, -88.5210, -75.2810

Triad

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



164.5650, 20.8720, -58.9040



149.9920, -138.5050, -28.4330



162.6060, 61.7490, 53.8530

Complementary

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



164.5650, 20.8720, -58.9040



73.4350, -20.8720, 58.9040

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.



182.0980, 34.4210, 64.5410



164.5650, 20.8720, -58.9040



140.6000, -134.1050, -20.0650

Square

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



164.5650, 20.8720, -58.9040



153.3030, -138.1830, -34.2710



177.6630, -22.6550, 30.6330



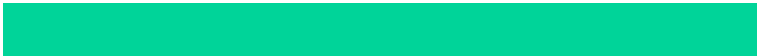
160.6100, 81.1480, 27.1640

Rectangle

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



164.5650, 20.8720, -58.9040



141.8860, -107.4130, -63.2930



177.6630, -22.6550, 30.6330



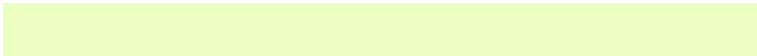
167.6900, 52.9450, 59.2250

Sweetspot

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



164.5650, 20.8720, -58.9040



242.3650, 8.2570, -22.9990



115.2330, 80.0510, 8.4910



120.1940, 4.7250, -14.0510



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.



164.5650, 20.8720, -58.9040



204.6880, 32.3860, -91.3740



141.8410, -24.4240, -75.0160



97.0770, 1.1010, -3.4350



129.1690, 21.9270, -61.5050



28.3080, 4.4040, -13.7400

Inverse Universe

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



73.4350, -20.8720, 58.9040



63.3120, -32.3860, 91.3740



96.1590, 24.4240, 75.0160



91.9230, -1.1010, 3.4350



33.8310, -21.9270, 61.5050



7.3930, -5.0000, 13.5280

Previews

White Background



This preview shows how the YIQ color 164.5650, 20.8720, -58.9040 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 164.5650, 20.8720, -58.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

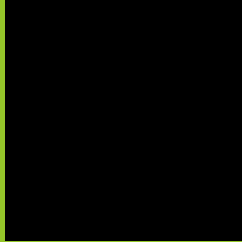
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.5650, 20.8720, -58.9040

Background



This preview shows how black text looks on a background with the YIQ color 164.5650, 20.8720, -58.9040.



This preview shows how white text looks on a background with the YIQ color 164.5650, 20.8720,

-58.9040.

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

164.5650, 20.8720, -58.9040

Protanopia

171.1620, 59.3360, -40.1200

Deuteranopia

174.9930, 70.6580, -25.0380



Tritanopia

179.9150, -15.8180, 0.3260

Trichromacy



Original Color

164.5650, 20.8720, -58.9040

Protanomaly

168.8180, 45.4450, -47.1870

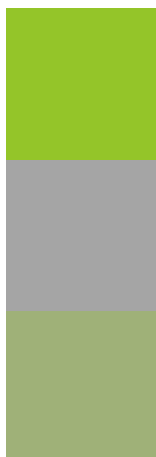
Deuteranomaly

171.0350, 52.5040, -37.4480

Tritanomaly

174.5580, -2.4720, -21.2880

Monochromacy



Original Color

164.5650, 20.8720, -58.9040

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.1200, 7.5690, -21.5430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.5650, 20.8720, -58.9040 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(148, 197, 41)` looks like.

```
.text, #text, p{  
    color:rgb(148, 197, 41)  
}
```

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(148, 197, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 197, 41) }
```

Border

The CSS property to change the border of an element to YIQ 164.5650, 20.8720, -58.9040 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(148, 197, 41) }
```


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

```
.border{ border-color:rgb(148, 197, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 197, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 197, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 197, 41);  
box-shadow:4px 4px 4px 4px rgb(148, 197,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 164.5650, 20.8720, -58.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 197, 41) }
```

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

```
.background{ background-color: rgb(148,  
197, 41) }
```

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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