

Converting Colors

YIQ(192.5990, 59.0630,
-51.6970)

Have a look what the booklet for
YIQ(192.5990, 59.0630, -51.6970)
contains.

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Color

**YIQ(192.5990, 59.0630,
-51.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D227
RGB	217, 210, 39
RGB Percent	85%, 82%, 15%
CMY	0.1491, 0.1765, 0.8467
CMYK	0.00, 0.03, 0.82, 0.15
HSL	58°, 70%, 50%
HSV	58°, 82%, 85%
XYZ	52.0220, 60.9868, 10.9574
YIQ	192.5990, 59.0630, -51.6970

Conversions

Conversions Part 2

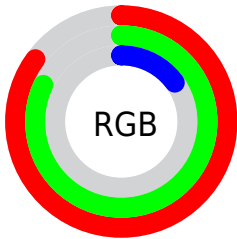
Format	Color
RYB	46, 217, 39
Decimal	14275111
CIELab	82.37, -15.02, 76.58
CIELCh	82, 78.038, 101.097
Yxy	60.9868, 0.4196, 0.4920
Android (android.graphics.Color)	4292465191 (0xFFD9D227)
YUV	192.5990, -75.7243, 21.3997
Hunter-Lab	78.0941, -17.7577, 46.3469

Details

The YIQ color **192.5990, 59.0630, -51.6970** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **63.4010, -59.0630, 51.6970**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.5580, 49.1130, -47.5830**, and **138.8140, 51.2680, -48.0920** is the 20% darker color. If you saturate the color by 10%, you get **189.5040, 66.4000, -58.0160**, and if you desaturate by 10%, it is **195.6940, 51.7260, -45.3780**.

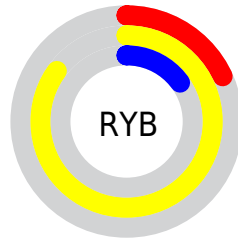
Distribution



Red (85%)

Green (82%)

Blue (15%)



Red (18%)

Yellow (85%)

Blue (15%)

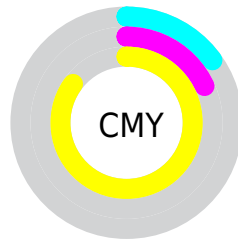


Cyan (0%)

Magenta (3%)

Yellow (82%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.5990, 59.0630, -51.6970 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 192.5990, 59.0630, -51.6970 by changing the saturation by 10% instead.

■ 192.5990, 59.0630,
-51.6970

■ 192.5990, 59.0630,
-51.6970

■ 255.0000, -0.0000,
-0.0000

■ 163.3340, 61.1270,
-56.0650

■ 237.5580, 49.1130,
-47.5830

■ 138.8140, 51.2680,
-48.0920

■ 240.8640, 39.8040,
-38.5640

■ 114.8810, 41.1340,
-40.6420

■ 244.0560, 30.8160,
-29.8560

■ 91.8340, 31.3210,
-33.5030

■ 247.3620, 21.5070,
-20.8370

■ 69.3740, 21.2330,
-26.8870

■ 250.7820, 11.8770,
-11.5070

■ 48.0990, 12.0620,
-20.3700

■ 254.0880, 2.5680,

■ 28.2970, 2.9370,

-2.4880

-14.6870

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 192.5990, 59.0630,
-51.6970

■ 192.5990, 59.0630,
-51.6970

■ 189.5040, 66.4000,
-58.0160

■ 195.6940, 51.7260,
-45.3780

■ 186.9790, 72.1320,
-62.7800

■ 198.6750, 44.7100,
-39.3700

■ 201.7700, 37.3730,
-33.0510

■ 204.2780, 30.3110,
-26.2090

■ 207.3730, 22.9740,
-19.8900

■ 210.3540, 15.9580,
-13.8820

■ 213.4490, 8.6210,
-7.5630

■ 216.5440, 1.2840,
-1.2440

■ 219.5250, -5.7320,
4.7640

Harmonies

Analogous

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



190.7510, 83.0830, -24.4450



192.5990, 59.0630, -51.6970



183.7170, -8.9750, -63.1430

Triad

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



192.5990, 59.0630, -51.6970



168.1890, -147.0300, -44.6460



189.1420, 31.1210, 58.2650

Complementary

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



192.5990, 59.0630, -51.6970



63.4010, -59.0630, 51.6970

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.



203.2780, 15.3980, 40.3420



192.5990, 59.0630, -51.6970



161.7320, -144.0050, -38.8930

Square

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



192.5990, 59.0630, -51.6970



167.2140, -140.1510, -53.6790



179.6150, -76.5670, -5.5510



176.1240, 56.7540, 39.7460

Rectangle

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



192.5990, 59.0630, -51.6970



162.3440, -85.8160, -74.7440



179.6150, -76.5670, -5.5510



194.5390, 28.3250, 53.8690

Sweetspot

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



192.5990, 59.0630, -51.6970



246.5300, 21.0940, -18.8580



93.2480, 103.1990, 40.5350



122.3800, 13.0690, -11.0830



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.



192.5990, 59.0630, -51.6970



220.6300, 83.0000, -72.5200



172.7880, 9.4580, -72.3180



108.1590, 3.8060, -2.8980



149.7560, 57.1830, -50.6650



39.5820, 15.3160, -13.2600

Inverse Universe

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



63.4010, -59.0630, 51.6970



39.3700, -83.0000, 72.5200



83.2120, -9.4580, 72.3180



100.2540, -3.5310, 3.4210



23.8310, -57.4580, 50.1420



6.4180, -15.3160, 13.2600

Previews

White Background



This preview shows how the YIQ color 192.5990, 59.0630, -51.6970 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 192.5990, 59.0630, -51.6970 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 192.5990, 59.0630, -51.6970

Background



This preview shows how black text looks on a background with the YIQ color 192.5990, 59.0630, -51.6970.



This preview shows how white text looks on a background with the YIQ color 192.5990, 59.0630, -51.6970.

-51.6970.

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

192.5990, 59.0630, -51.6970

Protanopia

193.7360, 69.1030, -46.4250

Deuteranopia

198.8040, 75.5640, -25.8440



Tritanopia

207.2890, 15.7240, 12.3960

Trichromacy



Original Color

192.5990, 59.0630, -51.6970

Protanomaly

193.4150, 65.5730, -48.5310

Deuteranomaly

196.1850, 69.6970, -35.1590

Tritanomaly

201.5470, 31.5920, -10.8720

Monochromacy



Original Color

192.5990, 59.0630, -51.6970

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.8290, 21.6900, -18.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.5990, 59.0630, -51.6970 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(217, 210, 39)` looks like.

```
.text, #text, p{  
    color:rgb(217, 210, 39)  
}
```

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(217, 210, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 210, 39) }
```

Border

The CSS property to change the border of an element to YIQ 192.5990, 59.0630, -51.6970 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(217, 210, 39) }
```


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

```
.border{ border-color:rgb(217, 210, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 210, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 210, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 210, 39);  
box-shadow:4px 4px 4px 4px rgb(217, 210,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 192.5990, 59.0630, -51.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 210, 39) }
```

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

```
.background{ background-color: rgb(217,  
210, 39) }
```

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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