

Converting Colors

YIQ(66.5900, 20.8650, -20.2150)

Have a look what the booklet for
YIQ(66.5900, 20.8650, -20.2150)
contains.

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Color

**YIQ(66.5900, 20.8650,
-20.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4A09
RGB	74, 74, 9
RGB Percent	29%, 29%, 4%
CMY	0.7098, 0.7098, 0.9646
CMYK	0.00, 0.00, 0.88, 0.71
HSL	60°, 78%, 16%
HSV	60°, 88%, 29%
XYZ	5.3215, 6.3728, 1.2090
YIQ	66.5900, 20.8650, -20.2150

Conversions

Conversions Part 2

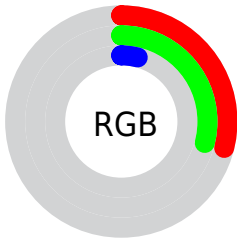
Format	Color
RYB	9, 74, 9
Decimal	4868617
CIELab	30.33, -8.44, 35.27
CIELCh	30, 36.262, 103.453
Yxy	6.3728, 0.4124, 0.4939
Android (android.graphics.Color)	4283058697 (0xFF4A4A09)
YUV	66.5900, -28.3919, 6.4986
Hunter-Lab	25.2443, -6.5498, 14.8315

Details

The YIQ color **66.5900, 20.8650, -20.2150** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.4100, -20.8650, 20.2150**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.6010, 22.3320, -19.2680**, and **25.9710, 6.9710, -10.7010** is the 20% darker color. If you saturate the color by 10%, you get **65.7920, 23.1120, -22.3920**, and if you desaturate by 10%, it is **67.3880, 18.6180, -18.0380**.

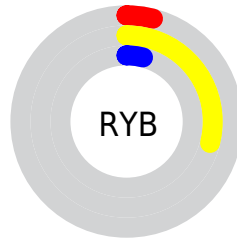
Distribution



Red (29%)

Green (29%)

Blue (4%)



Red (4%)

Yellow (29%)

Blue (4%)

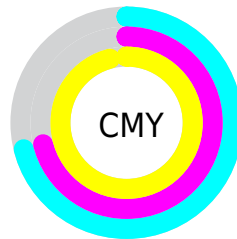


Cyan (0%)

Magenta (0%)

Yellow (88%)

Black (71%)



Cyan (71%)


Magenta (71%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 66.5900, 20.8650, -20.2150 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 66.5900, 20.8650, -20.2150 by changing the saturation by 10% instead.


 66.5900, 20.8650,
-20.2150


 66.5900, 20.8650,
-20.2150


 253.6320, 3.8520,
-3.7320


 45.1860, 16.3710,
-15.8610

 115.6010, 22.3320,
-19.2680


 25.9710, 6.9710,
-10.7010

 141.6720, 23.5700,
-19.6780

 1.1740, -0.5500,
-1.0460

 168.4440, 24.2120,
-20.3000

 0.0000, 0.0000,
0.0000

 195.6290, 25.1290,
-20.3990

 223.7000, 26.3670,
-20.8090

 247.2480, 21.8280,

-21.1480

■ 250.4400, 12.8400,
-12.4400

■ 66.5900, 20.8650,
-20.2150

■ 66.5900, 20.8650,
-20.2150

■ 65.7920, 23.1120,
-22.3920

■ 67.3880, 18.6180,
-18.0380

■ 65.5640, 23.7540,
-23.0140

■ 68.3000, 16.0500,
-15.5500

■ 69.0980, 13.8030,
-13.3730

■ 70.0100, 11.2350,
-10.8850

■ 70.8080, 8.9880,
-8.7080

■ 71.6060, 6.7410,
-6.5310

■ 72.5180, 4.1730,
-4.0430

■ 73.3160, 1.9260,
-1.8660

■ 74.2280, -0.6420,
0.6220

Harmonies

Analogous

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



68.6510, 37.2310, -8.4410



66.5900, 20.8650, -20.2150



62.7100, -5.9560, -24.2280

Triad

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



66.5900, 20.8650, -20.2150



61.8480, -58.4100, -9.7220



72.0060, 27.3670, 27.1670

Complementary

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



66.5900, 20.8650, -20.2150



16.4100, -20.8650, 20.2150

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.



73.5390, 0.8210, 23.6770



66.5900, 20.8650, -20.2150



60.6230, -61.8500, -2.4420

Square

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



66.5900, 20.8650, -20.2150



59.4710, -50.3390, -18.3310



67.2290, -36.7730, 11.1550



70.0320, 41.6730, 21.2010

Rectangle

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



66.5900, 20.8650, -20.2150



53.8510, -37.2700, -29.4140



67.2290, -36.7730, 11.1550



72.7000, 19.4810, 26.9130

Sweetspot

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



66.5900, 20.8650, -20.2150



94.1500, 8.0250, -7.7750



28.4350, 38.7400, 13.7800



46.2900, 4.8150, -4.6650



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.5900, 20.8650, -20.2150



85.9420, 31.1370, -30.1670



57.0220, 1.7930, -26.9990



37.5440, 1.2840, -1.2440



90.3720, 32.7420, -31.7220



203.4810, 73.2340, -71.7420

Inverse Universe

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



16.4100, -20.8650, 20.2150



11.0580, -31.1370, 30.1670



26.2770, -1.1970, 27.2110



34.4560, -1.2840, 1.2440



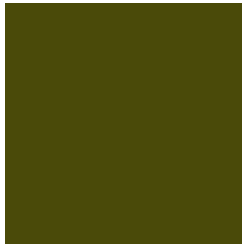
11.6280, -32.7420, 31.7220



26.2200, -73.8300, 71.5300

Previews

White Background



This preview shows how the YIQ color 66.5900, 20.8650, -20.2150 looks on a white 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

Black Background



This preview shows how the YIQ color 66.5900, 20.8650, -20.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

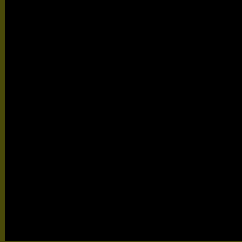
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.5900, 20.8650, -20.2150

Background



This preview shows how black text looks on a background with the YIQ color 66.5900, 20.8650, -20.2150.



This preview shows how white text looks on a background with the YIQ color 66.5900, 20.8650,

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

66.5900, 20.8650, -20.2150

Protanopia

67.3950, 25.9080, -17.9960

Deuteranopia

68.4220, 30.4460, -12.1300



Tritanopia

72.5600, 4.3550, 3.6750

Trichromacy



Original Color

66.5900, 20.8650, -20.2150

Protanomaly

67.0850, 23.8450, -19.1550

Deuteranomaly

67.5740, 26.9620, -15.0700

Tritanomaly

70.4000, 10.3170, -5.2590

Monochromacy



Original Color

66.5900, 20.8650, -20.2150

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.2640, 7.7040, -7.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.5900, 20.8650, -20.2150 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(74, 74, 9)` looks like.

```
.text, #text, p{  
    color:rgb(74, 74, 9)  
}
```

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(74, 74, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 74, 9) }
```

Border

The CSS property to change the border of an element to YIQ 66.5900, 20.8650, -20.2150 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(74, 74, 9) }
```


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

```
.border{ border-color:rgb(74, 74, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 74, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 74, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 74, 9); box-shadow:4px  
4px 4px 4px rgb(74, 74, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 66.5900, 20.8650, -20.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 74, 9) }
```

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

```
.background{ background-color: rgb(74, 74,  
9) }
```

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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