

Converting Colors

YIQ(111.4470, 18.9890,
-41.2910)

Have a look what the booklet for
YIQ(111.4470, 18.9890, -41.2910)
contains.

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Color

**YIQ(111.4470, 18.9890,
-41.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	688514
RGB	104, 133, 20
RGB Percent	41%, 52%, 8%
CMY	0.5923, 0.4784, 0.9214
CMYK	0.22, 0.00, 0.85, 0.48
HSL	75°, 74%, 30%
HSV	75°, 85%, 52%
XYZ	14.2206, 19.7699, 3.7302
YIQ	111.4470, 18.9890, -41.2910

Conversions

Conversions Part 2

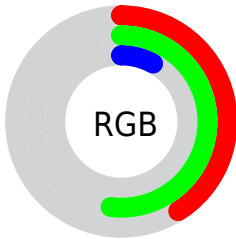
Format	Color
R_{YB}	20, 133, 49
Decimal	6849812
CIE Lab	51.58, -25.84, 51.55
CIE LCh	52, 57.667, 116.619
Yxy	19.7699, 0.3770, 0.5241
Android (android.graphics.Color)	4285039892 (0xFF688514)
YUV	111.4470, -45.0834, -6.5310
Hunter-Lab	44.4634, -20.7217, 26.1502

Details

The YIQ color **111.4470, 18.9890, -41.2910** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **41.5530, -18.9890, 41.2910**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0880, 18.6220, -40.1460**, and **64.2690, 8.1670, -32.3850** is the 20% darker color. If you saturate the color by 10%, you get **109.0680, 21.3740, -45.9700**, and if you desaturate by 10%, it is **113.8260, 16.6040, -36.6120**.

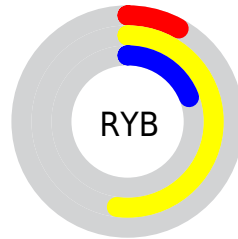
Distribution



Red (41%)

Green (52%)

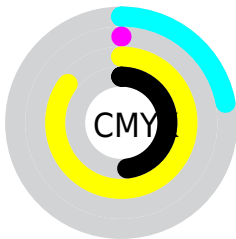
Blue (8%)



Red (8%)

Yellow (52%)

Blue (19%)

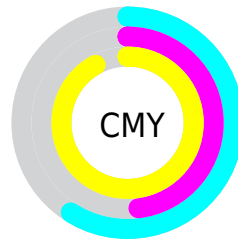


Cyan (22%)

Magenta (0%)

Yellow (85%)

Black (48%)



Cyan (59%)

Magenta (48%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.4470, 18.9890, -41.2910 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 111.4470, 18.9890, -41.2910 by changing the saturation by 10% instead.

111.4470, 18.9890,
-41.2910

111.4470, 18.9890,
-41.2910

255.0000, -0.0000,
-0.0000

86.7180, 16.7880,
-39.9480

165.0880, 18.6220,
-40.1460

64.2690, 8.1670,
-32.3850

192.8600, 19.2640,
-40.7680

42.6950, -1.6000,
-26.0800

221.0450, 20.1810,
-40.8670

22.3060, -10.4500,
-19.8740

240.4250, 25.2230,
-33.1210

6.4570, -3.0250,
-5.7530

246.9060, 22.7910,
-22.0810

0.0000, 0.0000,
0.0000

250.0980, 13.8030,

-13.3730

■ 253.4040, 4.4940,
-4.3540

■ 111.4470, 18.9890,
-41.2910

■ 111.4470, 18.9890,
-41.2910

■ 109.0680, 21.3740,
-45.9700

■ 113.8260, 16.6040,
-36.6120

■ 107.6720, 22.4290,
-48.5710

■ 116.6180, 14.4940,
-31.4100

■ 118.9970, 12.1090,
-26.7310

■ 121.6750, 10.3200,
-21.8400

■ 124.1680, 7.6140,
-16.8500

■ 126.5470, 5.2290,
-12.1710

■ 129.2250, 3.4400,
-7.2800

■ 131.6040, 1.0550,
-2.6010

■ 134.3960, -1.0550,
2.6010

Harmonies

Analogous

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



115.3010, 57.8670, -30.0130



111.4470, 18.9890, -41.2910



97.0540, -45.9320, -48.6520

Triad

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



111.4470, 18.9890, -41.2910



106.1370, -104.5800, -9.9880



120.2650, 60.9710, 45.9230

Complementary

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



111.4470, 18.9890, -41.2910



41.5530, -18.9890, 41.2910

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.



126.0450, 23.6040, 45.8120



111.4470, 18.9890, -41.2910



101.6180, -107.0120, 1.0520

Square

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



111.4470, 18.9890, -41.2910



104.6260, -93.4360, -24.7320



123.1010, -32.6960, 30.8880



118.2120, 76.5170, 28.4930

Rectangle

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



111.4470, 18.9890, -41.2910



96.2870, -71.3330, -45.3570



123.1010, -32.6960, 30.8880



121.7570, 50.8380, 47.8460

Sweetspot

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



111.4470, 18.9890, -41.2910



164.8090, 7.2470, -15.7050



70.2230, 59.6480, 9.3120



81.9430, 4.1740, -9.5700



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



111.4470, 18.9890, -41.2910



140.1220, 29.3090, -63.1310



94.7030, -14.3870, -53.1630



65.0170, 1.3300, -2.0780



105.3130, 22.0620, -47.4260



2.3590, 0.3670, -1.1450

Inverse Universe

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



41.5530, -18.9890, 41.2910



33.1770, -28.7130, 63.3430



58.2970, 14.3870, 53.1630



60.9830, -1.3300, 2.0780



24.6870, -22.0620, 47.4260



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 111.4470, 18.9890, -41.2910 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 111.4470, 18.9890, -41.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

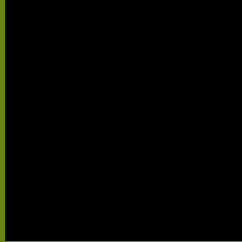
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 111.4470, 18.9890, -41.2910

Background



This preview shows how black text looks on a background with the YIQ color 111.4470, 18.9890, -41.2910.



This preview shows how white text looks on a background with the YIQ color 111.4470, 18.9890,

-41.2910.

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

111.4470, 18.9890, -41.2910

Protanopia

115.4010, 42.9660, -29.7860

Deuteranopia

117.6720, 49.9330, -18.3790



Tritanopia

122.4490, -8.5740, 1.2020

Trichromacy



Original Color

111.4470, 18.9890, -41.2910

Protanomaly

114.2750, 34.3930, -34.1110

Deuteranomaly

115.3560, 38.8390, -26.5770

Tritanomaly

118.3400, 1.3780, -13.9660

Monochromacy



Original Color

111.4470, 18.9890, -41.2910

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0370, 6.6050, -15.0830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.4470, 18.9890, -41.2910 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(104, 133, 20)` looks like.

```
.text, #text, p{  
    color:rgb(104, 133, 20)  
}
```

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(104, 133, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 133, 20) }
```

Border

The CSS property to change the border of an element to YIQ 111.4470, 18.9890, -41.2910 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(104, 133, 20) }
```


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

```
.border{ border-color:rgb(104, 133, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 133, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 133, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 133, 20);  
box-shadow:4px 4px 4px 4px rgb(104, 133,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 111.4470, 18.9890, -41.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 133, 20) }
```

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

```
.background{ background-color: rgb(104,  
133, 20) }
```

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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