

Converting Colors

YIQ(114.2490, 1.7510, -48.2730)

Have a look what the booklet for
YIQ(114.2490, 1.7510, -48.2730)
contains.

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Color

**YIQ(114.2490, 1.7510,
-48.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	56911E
RGB	86, 145, 30
RGB Percent	34%, 57%, 12%
CMY	0.6630, 0.4313, 0.8822
CMYK	0.41, 0.00, 0.79, 0.43
HSL	91°, 66%, 34%
HSV	91°, 79%, 57%
XYZ	14.1966, 22.3280, 4.7914
YIQ	114.2490, 1.7510, -48.2730

Conversions

Conversions Part 2

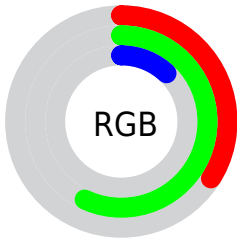
Format	Color
RYB	30, 145, 89
Decimal	5673246
CIELab	54.37, -38.04, 50.72
CIELCh	54, 63.406, 126.871
Yxy	22.3280, 0.3436, 0.5404
Android (android.graphics.Color)	4283863326 (0xFF56911E)
YUV	114.2490, -41.5348, -24.7744
Hunter-Lab	47.2525, -29.0633, 27.0647

Details

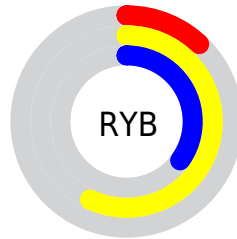
The YIQ color **114.2490, 1.7510, -48.2730** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **60.7510, -1.7510, 48.2730**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5480, 2.3470, -48.0610**, and **64.1480, -7.9700, -42.8020** is the 20% darker color. If you saturate the color by 10%, you get **110.2610, 1.4770, -54.3230**, and if you desaturate by 10%, it is **118.0520, 1.1080, -42.1240**.

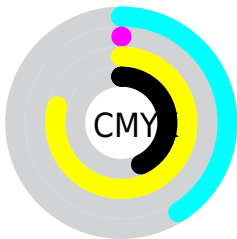
Distribution



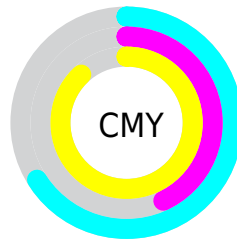
- Red (34%)
- Green (57%)
- Blue (12%)



- Red (12%)
- Yellow (57%)
- Blue (35%)



- Cyan (41%)
- Magenta (0%)
- Yellow (79%)
- Black (43%)



- Cyan (66%)
- Magenta (43%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.2490, 1.7510, -48.2730 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 114.2490, 1.7510, -48.2730 by changing the saturation by 10% instead.

■ 114.2490, 1.7510,
-48.2730

■ 114.2490, 1.7510,
-48.2730

■ 255.0000, -0.0000,
-0.0000

■ 87.4940, 2.4390,
-49.7290

■ 168.5480, 2.3470,
-48.0610

■ 64.1480, -7.9700,
-42.8020

■ 196.6080, 2.1180,
-49.4180

■ 41.0900, -19.2500,
-36.6100

■ 224.2060, 3.3100,
-48.9940

■ 27.5890, -12.9250,
-24.5810

■ 236.0690, 11.6060,
-34.1380

■ 14.0880, -6.6000,
-12.5520

■ 247.8180, 20.2230,
-19.5930

■ 0.0000, 0.0000,
0.0000

■ 251.1240, 10.9140,

-10.5740

254.4300, 1.6050,
-1.5550

■ 114.2490, 1.7510,
-48.2730

■ 114.2490, 1.7510,
-48.2730

■ 110.2610, 1.4770,
-54.3230

■ 118.0520, 1.1080,
-42.1240

■ 106.4580, 2.1200,
-60.4720

■ 122.0400, 1.3820,
-36.0740

■ 106.3440, 2.4410,
-60.7830

■ 125.8430, 0.7390,
-29.9250

■ 129.8310, 1.0130,
-23.8750

■ 133.6340, 0.3700,
-17.7260

■ 137.6220, 0.6440,
-11.6760

■ 141.4250, 0.0010,
-5.5270

■ 145.4130, 0.2750,
0.5230

■ 149.2160, -0.3680,
6.6720

Harmonies

Analogous

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



120.5400, 49.5240, -38.5080



114.2490, 1.7510, -48.2730



98.8000, -68.7640, -53.3720

Triad

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



114.2490, 1.7510, -48.2730



112.6230, -114.5760, -5.0400



123.8170, 76.9720, 47.7880

Complementary

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



114.2490, 1.7510, -48.2730



60.7510, -1.7510, 48.2730

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.



130.4390, 43.2260, 53.6420



114.2490, 1.7510, -48.2730



105.4310, -113.6150, 5.0810

Square

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



114.2490, 1.7510, -48.2730



112.6280, -104.9450, -19.8970



133.3750, -12.6160, 41.4320



124.1880, 85.0920, 21.7640

Rectangle

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



114.2490, 1.7510, -48.2730



104.8930, -81.7870, -43.1230



133.3750, -12.6160, 41.4320



125.2600, 68.5350, 52.0150

Sweetspot

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



114.2490, 1.7510, -48.2730



176.5800, 0.4620, -19.3940



98.4310, 52.5900, -5.9540



86.7360, 0.3230, -11.3650



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



114.2490, 1.7510, -48.2730



140.9720, 2.9480, -75.4840



97.5050, -31.6250, -60.1450



69.3050, 0.4590, -2.8130



98.9790, 2.2110, -56.6130



5.8920, 0.1840, -3.3360

Inverse Universe

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



60.7510, -1.7510, 48.2730



57.3270, -2.3520, 75.6960



77.4950, 31.6250, 60.1450



65.9940, 0.1370, 3.0250



36.0210, -2.2110, 56.6130



2.1080, -0.1840, 3.3360

Previews

White Background



This preview shows how the YIQ color 114.2490, 1.7510, -48.2730 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 114.2490, 1.7510, -48.2730 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 114.2490, 1.7510, -48.2730

Background



This preview shows how black text looks on a background with the YIQ color 114.2490, 1.7510, -48.2730.



This preview shows how white text looks on a background with the YIQ color 114.2490, 1.7510, -48.2730.

-48.2730.

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

114.2490, 1.7510, -48.2730

Protanopia

122.9280, 42.9200, -28.9520

Deuteranopia

125.3130, 49.5660, -17.2340



Tritanopia

126.3870, -23.1990, -3.5750

Trichromacy



Original Color

114.2490, 1.7510, -48.2730

Protanomaly

119.3990, 28.1120, -35.9200

Deuteranomaly

121.1810, 31.9620, -28.5980

Tritanomaly

122.1530, -14.3930, -20.0010

Monochromacy



Original Color

114.2490, 1.7510, -48.2730

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9330, 0.9660, -17.5140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.2490, 1.7510, -48.2730 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(86, 145, 30)` looks like.

```
.text, #text, p{  
    color:rgb(86, 145, 30)  
}
```

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(86, 145, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 145, 30) }
```

Border

The CSS property to change the border of an element to YIQ 114.2490, 1.7510, -48.2730 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(86, 145, 30) }
```


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

```
.border{ border-color:rgb(86, 145, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 145, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 145, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 145, 30);  
box-shadow:4px 4px 4px 4px rgb(86, 145,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 114.2490, 1.7510, -48.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 145, 30) }
```

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

```
.background{ background-color: rgb(86, 145,  
30) }
```

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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