

Converting Colors

YIQ(111.9610, -14.5730,
-38.7730)

Have a look what the booklet for
YIQ(111.9610, -14.5730, -38.7730)
contains.

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Color

**YIQ(111.9610, -14.5730,
-38.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8D3E
RGB	74, 141, 62
RGB Percent	29%, 55%, 24%
CMY	0.7100, 0.4469, 0.7569
CMYK	0.48, 0.00, 0.56, 0.45
HSL	111°, 39%, 40%
HSV	111°, 56%, 55%
XYZ	13.2185, 20.8595, 7.8872
YIQ	111.9610, -14.5730, -38.7730

Conversions

Conversions Part 2

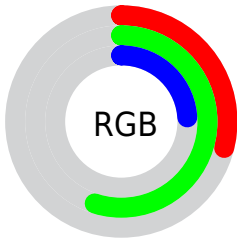
Format	Color
R_{YB}	62, 141, 129
Decimal	4885822
CIE _{Lab}	52.80, -37.48, 35.24
CIE _{LCh}	53, 51.447, 136.764
Yxy	20.8595, 0.3150, 0.4971
Android (android.graphics.Color)	4283075902 (0xFF4A8D3E)
YUV	111.9610, -24.6308, -33.2918
Hunter-Lab	45.6722, -28.2649, 21.7318

Details

The YIQ color **111.9610, -14.5730, -38.7730** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **91.0390, 14.5730, 38.7730**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2060, -13.8850, -40.2290**, and **58.6830, -19.6620, -40.1580** is the 20% darker color. If you saturate the color by 10%, you get **106.7770, -17.2310, -45.6710**, and if you desaturate by 10%, it is **117.1450, -11.9150, -31.8750**.

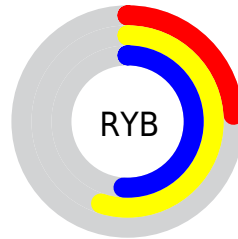
Distribution



Red (29%)

Green (55%)

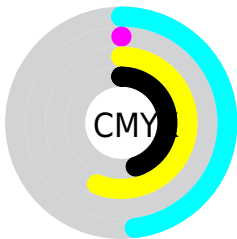
Blue (24%)



Red (24%)

Yellow (55%)

Blue (51%)

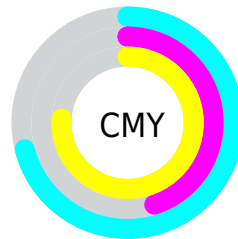


Cyan (48%)

Magenta (0%)

Yellow (56%)

Black (45%)



Cyan (71%)

Magenta (45%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.9610, -14.5730, -38.7730 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 111.9610, -14.5730, -38.7730 by changing the saturation by 10% instead.

■ 111.9610,
-14.5730, -38.7730

■ 111.9610,
-14.5730, -38.7730

■ 255.0000, -0.0000,
-0.0000

■ 85.8900, -15.8110,
-38.3630

■ 165.2060,
-13.8850, -40.2290

■ 58.6830, -19.6620,
-40.1580

■ 192.9780,
-13.2430, -40.8510

■ 38.7420, -18.1500,
-34.5180

■ 221.4510,
-13.1970, -41.6850

■ 25.2410, -11.8250,
-22.4890

■ 234.6620, -6.0010,
-28.9210

■ 9.9790, -4.6750,
-8.8910

■ 246.5250, 2.2950,
-14.0650

■ 0.0000, 0.0000,
0.0000

■ 254.3160, 1.9260,

-1.8660

■ 111.9610,
-14.5730, -38.7730

■ 111.9610,
-14.5730, -38.7730

■ 106.7770,
-17.2310, -45.6710

■ 117.1450,
-11.9150, -31.8750

■ 101.5930,
-19.8890, -52.5690

■ 122.3290, -9.2570,
-24.9770

■ 96.4090, -22.5470,
-59.4670

■ 127.5130, -6.5990,
-18.0790

■ 91.2250, -25.2050,
-66.3650

■ 132.6970, -3.9410,
-11.1810

■ 89.0460, -26.2590,
-69.2910

■ 137.9950, -1.6040,
-3.9720

■ 143.1790, 1.0540,
2.9260

■ 148.3630, 3.7120,
9.8240

■ 153.5470, 6.3700,
16.7220

■ 158.7310, 9.0280,
23.6200

Harmonies

Analogous

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



118.3330, 28.4780, -31.5380



111.9610, -14.5730, -38.7730



97.5580, -73.5340, -44.0140

Triad

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



111.9610, -14.5730, -38.7730



104.5870, -105.7270, -5.7190



124.1170, 66.6590, 30.9390

Complementary

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



111.9610, -14.5730, -38.7730



91.0390, 14.5730, 38.7730

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.



127.1320, 45.1080, 41.5560



111.9610, -14.5730, -38.7730



122.5780, -47.6410, 20.8950

Square

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



111.9610, -14.5730, -38.7730



106.7750, -100.8650, -16.7450



130.2060, 6.7330, 37.6850



123.6000, 68.7720, 9.1560

Rectangle

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



111.9610, -14.5730, -38.7730



101.6790, -83.7600, -34.8960



130.2060, 6.7330, 37.6850



124.9410, 61.5230, 35.9150

Sweetspot

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



111.9610, -14.5730, -38.7730



172.2790, -5.8200, -15.6760



124.3630, 28.9340, -17.7700



85.0500, -3.4370, -9.3010



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



111.9610, -14.5730, -38.7730



138.5830, -23.0970, -60.5130



111.3370, -30.0710, -33.2310



68.4080, -1.3290, -3.4490



85.2250, -25.2050, -66.3650



4.9950, -1.6040, -3.9720

Inverse Universe

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



91.0390, 14.5730, 38.7730



106.1180, 22.5010, 60.3010



91.6630, 30.0710, 33.2310



66.5920, 1.3290, 3.4490



49.7750, 25.2050, 66.3650



2.7060, 1.0080, 3.7600

Previews

White Background



This preview shows how the YIQ color 111.9610, -14.5730, -38.7730 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 111.9610, -14.5730, -38.7730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

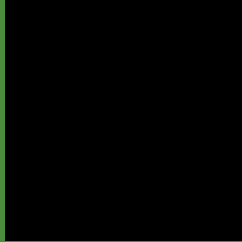
Any Text WCAG AA ✓ Pass

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 111.9610, -14.5730, -38.7730 Background



This preview shows how black text looks on a background with the YIQ color 111.9610, -14.5730, -38.7730.



This preview shows how white text looks on a background with the YIQ color 111.9610, -14.5730, -38.7730.

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

111.9610, -14.5730, -38.7730

Protanopia

122.0210, 29.8970, -18.7030

Deuteranopia

123.3520, 36.6350, -8.6530



Tritanopia

121.2830, -28.8380, -6.0060

Trichromacy



Original Color

111.9610, -14.5730, -38.7730

Protanomaly

118.0080, 13.5760, -25.7840

Deuteranomaly

119.1490, 17.7930, -19.6070

Tritanomaly

117.9440, -23.9300, -17.8660

Monochromacy



Original Color

111.9610, -14.5730, -38.7730

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.2190, -5.5910, -14.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.9610, -14.5730, -38.7730 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, 141, 62)` looks like.

```
.text, #text, p{  
    color:rgb(74, 141, 62)  
}
```

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, 141, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 141, 62) }
```

Border

The CSS property to change the border of an element to YIQ 111.9610, -14.5730, -38.7730 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, 141, 62) }
```


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

```
.border{ border-color:rgb(74, 141, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 141, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 141, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 141, 62);  
box-shadow:4px 4px 4px 4px rgb(74, 141,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 111.9610, -14.5730, -38.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 141, 62) }
```

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

```
.background{ background-color: rgb(74, 141,  
62) }
```

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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