

Converting Colors

YIQ(134.7290, 1.0600, -30.2360)

Have a look what the booklet for
YIQ(134.7290, 1.0600, -30.2360)
contains.

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Color

**YIQ(134.7290, 1.0600,
-30.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	759A52
RGB	117, 154, 82
RGB Percent	46%, 60%, 32%
CMY	0.5413, 0.3960, 0.6784
CMYK	0.24, 0.00, 0.47, 0.40
HSL	91°, 31%, 46%
HSV	91°, 47%, 60%
XYZ	20.4133, 27.5053, 12.2188
YIQ	134.7290, 1.0600, -30.2360

Conversions

Conversions Part 2

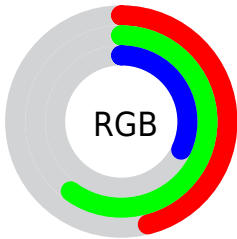
Format	Color
R_{YB}	82, 154, 119
Decimal	7707218
CIE _{Lab}	59.44, -25.74, 33.60
CIE _{LCh}	59, 42.325, 127.455
Yxy	27.5053, 0.3394, 0.4574
Android (android.graphics.Color)	4285897298 (0xFF759A52)
YUV	134.7290, -25.9954, -15.5483
Hunter-Lab	52.4455, -22.3022, 22.8983

Details

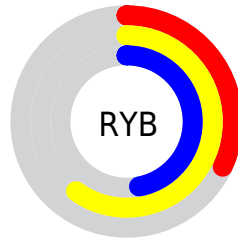
The YIQ color **134.7290, 1.0600, -30.2360** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **101.2710, -1.0600, 30.2360**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.9740, 1.7480, -31.6920**, and **84.0710, 0.0970, -29.3030** is the 20% darker color. If you saturate the color by 10%, you get **130.6270, 1.1070, -36.5970**, and if you desaturate by 10%, it is **138.8310, 1.0130, -23.8750**.

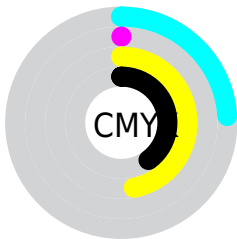
Distribution



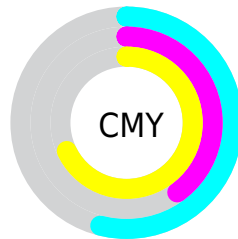
- Red (46%)
- Green (60%)
- Blue (32%)



- Red (32%)
- Yellow (60%)
- Blue (47%)



- Cyan (24%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)
















- Cyan (54%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.7290, 1.0600, -30.2360 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 134.7290, 1.0600, -30.2360 by changing the saturation by 10% instead.

 134.7290, 1.0600, -30.2360	 134.7290, 1.0600, -30.2360
255.0000, -0.0000, -0.0000	 108.9570, 0.4180, -29.6140
 188.9740, 1.7480, -31.6920	 84.0710, 0.0970, -29.3030
 216.4470, 1.7940, -32.5260	 59.3700, 0.6930, -29.0910
 238.8760, 5.1400, -27.0840	 37.9660, -3.8010, -24.7370
 250.4400, 12.8400, -12.4400	 19.9580, -9.3500, -17.7820
 253.6320, 3.8520, -3.7320	 0.0000, 0.0000, 0.0000

■ 134.7290, 1.0600,
-30.2360

■ 134.7290, 1.0600,
-30.2360

■ 130.6270, 1.1070,
-36.5970

■ 138.8310, 1.0130,
-23.8750

■ 126.4110, 1.4750,
-43.2690

■ 143.0470, 0.6450,
-17.2030

■ 122.3090, 1.5220,
-49.6300

■ 147.1490, 0.5980,
-10.8420

■ 118.0930, 1.8900,
-56.3020

■ 151.3650, 0.2300,
-4.1700

■ 113.9910, 1.9370,
-62.6630

■ 155.4670, 0.1830,
2.1910

■ 112.8230, 2.3500,
-64.6420

■ 159.5690, 0.1360,
8.5520

■ 163.4860, -0.8280,
15.0120

■ 167.5880, -0.8750,

21.3730

■ 171.8040, -1.2430,
28.0450

Harmonies

Analogous

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



139.1090, 32.4650, -21.1910



134.7290, 1.0600, -30.2360



126.5360, -40.9370, -34.5450

Triad

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



134.7290, 1.0600, -30.2360



115.0390, -110.3560, -15.4440



144.8210, 52.8130, 28.5650

Complementary

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



134.7290, 1.0600, -30.2360



101.2710, -1.0600, 30.2360

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.



147.1900, 30.0250, 34.0650



134.7290, 1.0600, -30.2360



138.5680, -50.8490, 12.9510

Square

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



134.7290, 1.0600, -30.2360



115.8250, -104.3020, -26.0460



146.8790, -5.8280, 28.5400



143.1570, 60.0140, 13.6940

Rectangle

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



134.7290, 1.0600, -30.2360



110.9400, -89.1690, -41.4970



146.8790, -5.8280, 28.5400



145.4060, 46.8520, 31.9720

Sweetspot

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



134.7290, 1.0600, -30.2360



193.6220, 0.6440, -11.6760



124.6600, 33.0120, -3.5640



97.3710, 0.0930, -7.1950



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



134.7290, 1.0600, -30.2360



170.8900, 1.3840, -47.1280



124.2640, -19.8000, -37.6560



74.8920, 0.1840, -3.3360



102.5120, 2.0280, -58.8040



9.4250, 0.0010, -5.5270

Inverse Universe

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



101.2710, -1.0600, 30.2360



119.1100, -1.3840, 47.1280



111.7360, 19.8000, 37.6560



71.1080, -0.1840, 3.3360



37.4880, -2.0280, 58.8040



3.5750, -0.0010, 5.5270

Previews

White Background



This preview shows how the YIQ color 134.7290, 1.0600, -30.2360 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 134.7290, 1.0600, -30.2360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

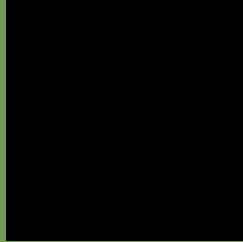
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.7290, 1.0600, -30.2360

Background



This preview shows how black text looks on a background with the YIQ color 134.7290, 1.0600, -30.2360.



This preview shows how white text looks on a background with the YIQ color 134.7290, 1.0600, -30.2360.

-30.2360.

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

134.7290, 1.0600, -30.2360

Protanopia

139.7760, 29.2090, -17.2470

Deuteranopia

141.3630, 38.1020, -7.7060



Tritanopia

141.8720, -14.2590, -0.3950

Trichromacy



Original Color

134.7290, 1.0600, -30.2360

Protanomaly

137.7530, 18.8480, -22.2080

Deuteranomaly

139.3780, 24.5780, -15.9180

Tritanomaly

139.3590, -8.8010, -11.2090

Monochromacy



Original Color

134.7290, 1.0600, -30.2360

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.8500, 0.0020, -11.0540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.7290, 1.0600, -30.2360 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(117, 154, 82)` looks like.

```
.text, #text, p{  
    color:rgb(117, 154, 82)  
}
```

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(117, 154, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 154, 82) }
```

Border

The CSS property to change the border of an element to YIQ 134.7290, 1.0600, -30.2360 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(117, 154, 82) }
```


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

```
.border{ border-color:rgb(117, 154, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 154, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 154, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 154, 82);  
box-shadow:4px 4px 4px 4px rgb(117, 154,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 134.7290, 1.0600, -30.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 154, 82) }
```

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

```
.background{ background-color: rgb(117,  
154, 82) }
```

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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