

Converting Colors

YIQ(107.5150, 16.2820,
-30.7740)

Have a look what the booklet for
YIQ(107.5150, 16.2820, -30.7740)
contains.

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Color

**YIQ(107.5150, 16.2820,
-30.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	687B25
RGB	104, 123, 37
RGB Percent	41%, 48%, 15%
CMY	0.5923, 0.5176, 0.8548
CMYK	0.15, 0.00, 0.70, 0.52
HSL	73°, 54%, 31%
HSV	73°, 70%, 48%
XYZ	13.1244, 17.2432, 4.3896
YIQ	107.5150, 16.2820, -30.7740

Conversions

Conversions Part 2

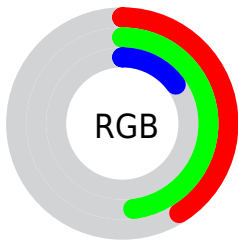
Format	Color
R_{YB}	37, 123, 56
Decimal	6847269
CIE _{Lab}	48.56, -19.86, 42.74
CIE _{LCh}	49, 47.131, 114.926
Yxy	17.2432, 0.3776, 0.4961
Android (android.graphics.Color)	4285037349 (0xFF687B25)
YUV	107.5150, -34.7639, -3.0827
Hunter-Lab	41.5249, -16.2518, 22.7999

Details

The YIQ color **107.5150, 16.2820, -30.7740** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **52.4850, -16.2820, 30.7740**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5860, 17.5200, -31.1840**, and **59.5840, 11.8340, -27.2540** is the 20% darker color. If you saturate the color by 10%, you get **105.2500, 18.3460, -35.1420**, and if you desaturate by 10%, it is **109.7800, 14.2180, -26.4060**.

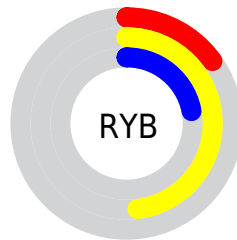
Distribution



Red (41%)

Green (48%)

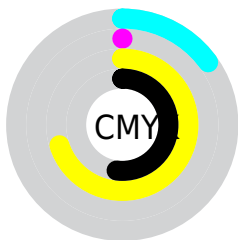
Blue (15%)



Red (15%)

Yellow (48%)

Blue (22%)

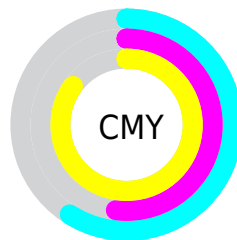


Cyan (15%)

Magenta (0%)

Yellow (70%)

Black (52%)



Cyan (59%)

Magenta (52%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.5150, 16.2820, -30.7740 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 107.5150, 16.2820, -30.7740 by changing the saturation by 10% instead.

■ 107.5150, 16.2820,
-30.7740

■ 107.5150, 16.2820,
-30.7740

■ 255.0000, -0.0000,
-0.0000

■ 81.7600, 16.9700,
-32.2300

■ 159.5860, 17.5200,
-31.1840

■ 59.5840, 11.8340,
-27.2540

■ 187.3580, 18.1620,
-31.8060

■ 39.1950, 2.9840,
-21.0480

■ 215.1300, 18.8040,
-32.4280

■ 18.1970, -8.5250,
-16.2130

■ 240.9670, 20.8210,
-30.4350

■ 0.0000, 0.0000,
0.0000

■ 248.0460, 19.5810,
-18.9710

■ 251.2380, 10.5930,

-10.2630

254.5440, 1.2840,
-1.2440

■ 107.5150, 16.2820,
-30.7740

■ 107.5150, 16.2820,
-30.7740

■ 105.2500, 18.3460,
-35.1420

■ 109.7800, 14.2180,
-26.4060

■ 103.1700, 21.3270,
-39.6090

■ 111.8600, 11.2370,
-21.9390

■ 100.9050, 23.3910,
-43.9770

■ 114.1250, 9.1730,
-17.5710

■ 116.3900, 7.1090,
-13.2030

■ 118.7690, 4.7240,
-8.5240

■ 120.7350, 2.0640,
-4.3680

■ 123.0000, -0.0000,
-0.0000

■ 125.2650, -2.0640,
4.3680

■ 127.3450, -5.0450,
8.8350

Harmonies

Analogous

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



111.0350, 44.4770, -18.6190



107.5150, 16.2820, -30.7740



100.0830, -26.5400, -36.6520

Triad

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



107.5150, 16.2820, -30.7740



97.4170, -93.8050, -12.5330



115.5250, 48.1350, 36.2550

Complementary

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



107.5150, 16.2820, -30.7740



52.4850, -16.2820, 30.7740

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.



118.8280, 16.5450, 36.0730



107.5150, 16.2820, -30.7740



93.8440, -96.1450, -3.1610

Square

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



107.5150, 16.2820, -30.7740



95.5300, -84.3580, -24.0540



116.2230, -27.4680, 24.2440



113.6230, 61.9380, 22.8820

Rectangle

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



107.5150, 16.2820, -30.7740



88.6730, -66.4280, -40.6360



116.2230, -27.4680, 24.2440



116.9740, 39.5610, 37.4570

Sweetspot

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



107.5150, 16.2820, -30.7740



154.7320, 6.1460, -12.2700



73.8670, 46.0310, 8.2950



78.1110, 3.7610, -7.5910



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



107.5150, 16.2820, -30.7740



136.6400, 25.4550, -48.3450



94.6580, -9.3460, -39.8900



60.0170, 1.3300, -2.0780



102.3780, 23.4370, -44.8110



206.8270, 48.1120, -90.0320

Inverse Universe

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



52.4850, -16.2820, 30.7740



50.3600, -25.4550, 48.3450



65.3420, 9.3460, 39.8900



55.9830, -1.3300, 2.0780



22.6220, -23.4370, 44.8110



45.4720, -47.5160, 90.2440

Previews

White Background



This preview shows how the YIQ color 107.5150, 16.2820, -30.7740 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 × Fail

Black Background



This preview shows how the YIQ color 107.5150, 16.2820, -30.7740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

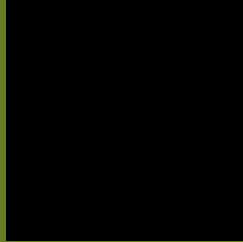
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.5150, 16.2820, -30.7740

Background



This preview shows how black text looks on a background with the YIQ color 107.5150, 16.2820, -30.7740.



This preview shows how white text looks on a background with the YIQ color 107.5150, 16.2820,

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

107.5150, 16.2820, -30.7740

Protanopia

110.0660, 34.0240, -21.9120

Deuteranopia

111.8270, 42.3670, -13.4170



Tritanopia

115.4280, -4.0810, 2.3750

Trichromacy



Original Color

107.5150, 16.2820, -30.7740

Protanomaly

109.2500, 27.5140, -25.0780

Deuteranomaly

110.0490, 32.6940, -19.8340

Tritanomaly

112.6440, 3.5780, -9.7820

Monochromacy



Original Color

107.5150, 16.2820, -30.7740

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.6720, 6.3750, -10.9130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.5150, 16.2820, -30.7740 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, 123, 37)` looks like.

```
.text, #text, p{  
    color:rgb(104, 123, 37)  
}
```

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, 123, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 123, 37) }
```

Border

The CSS property to change the border of an element to YIQ 107.5150, 16.2820, -30.7740 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, 123, 37) }
```


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

```
.border{ border-color:rgb(104, 123, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 123, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 123, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 123, 37);  
box-shadow:4px 4px 4px 4px rgb(104, 123,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 107.5150, 16.2820, -30.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 123, 37) }
```

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

```
.background{ background-color: rgb(104,  
123, 37) }
```

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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