

Converting Colors

YIQ(124.7630, -14.6160,
-54.5200)

Have a look what the booklet for
YIQ(124.7630, -14.6160, -54.5200)
contains.

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Color

**YIQ(124.7630, -14.6160,
-54.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	4DA430
RGB	77, 164, 48
RGB Percent	30%, 64%, 19%
CMY	0.6983, 0.3567, 0.8117
CMYK	0.53, 0.00, 0.71, 0.36
HSL	105°, 55%, 42%
HSV	105°, 71%, 64%
XYZ	16.8704, 28.3522, 7.3805
YIQ	124.7630, -14.6160, -54.5200

Conversions

Conversions Part 2

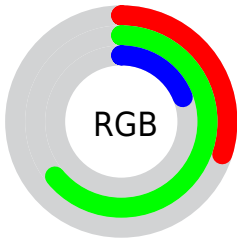
Format	Color
R_{YB}	48, 164, 135
Decimal	5088304
CIE _{Lab}	60.21, -47.48, 49.84
CIE _{LCh}	60, 68.835, 133.608
Yxy	28.3522, 0.3207, 0.5390
Android (android.graphics.Color)	4283278384 (0xFF4DA430)
YUV	124.7630, -37.8442, -41.8882
Hunter-Lab	53.2468, -36.6268, 29.0545

Details

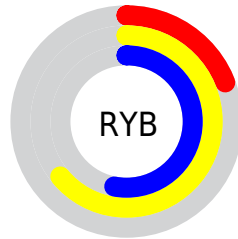
The YIQ color **124.7630, -14.6160, -54.5200** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **87.2370, 14.6160, 54.5200**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7200, -13.0570, -55.2410**, and **65.4560, -29.9290, -57.8410** is the 20% darker color. If you saturate the color by 10%, you get **119.3510, -16.6320, -62.0400**, and if you desaturate by 10%, it is **130.1750, -12.6000, -47.0000**.

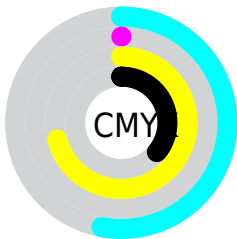
Distribution



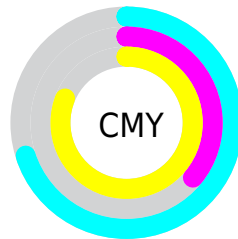
- Red (30%)
- Green (64%)
- Blue (19%)



- Red (19%)
- Yellow (64%)
- Blue (53%)



- Cyan (53%)
- Magenta (0%)
- Yellow (71%)
- Black (36%)



- Cyan (70%)
- Magenta (36%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7630, -14.6160, -54.5200 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 124.7630, -14.6160, -54.5200 by changing the saturation by 10% instead.

■ 124.7630,
-14.6160, -54.5200

■ 124.7630,
-14.6160, -54.5200

■ 255.0000, -0.0000,
-0.0000

■ 96.5240, -15.4410,
-56.0890

■ 180.7200,
-13.0570, -55.2410

■ 65.4560, -29.9290,
-57.8410

■ 209.0790,
-12.6900, -56.3860

■ 50.4820, -23.6500,
-44.9780

■ 224.3500, -5.7230,
-44.9790

■ 36.3940, -17.0500,
-32.4260

■ 236.2130, 2.5730,
-30.1230

■ 23.4800, -11.0000,
-20.9200

■ 248.3750, 11.4650,
-15.0550

■ 0.5870, -0.2750,
-0.5230

■ 253.1760, 5.1360,

■ 0.0000, 0.0000,

-4.9760

0.0000

■ 124.7630,
-14.6160, -54.5200

■ 124.7630,
-14.6160, -54.5200

■ 119.3510,
-16.6320, -62.0400

■ 130.1750,
-12.6000, -47.0000

■ 113.5260,
-18.9230, -70.0830

■ 136.0000,
-10.3090, -38.9570

■ 108.5270,
-20.6640, -77.0800

■ 141.4120, -8.2930,
-31.4370

■ 146.9380, -6.5980,
-23.6060

■ 152.6490, -3.9860,
-15.8740

■ 158.0610, -1.9700,
-8.3540

■ 163.5870, -0.2750,
-0.5230

■ 168.9990, 1.7410,
6.9970

■ 174.8240, 4.0320,
15.0400

Harmonies

Analogous

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



132.8890, 46.6830, -47.5970



124.7630, -14.6160, -54.5200



112.8030, -82.0140, -55.5340

Triad

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



124.7630, -14.6160, -54.5200



123.5770, -126.1300, -4.8980



137.4610, 89.7180, 48.0700

Complementary

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



124.7630, -14.6160, -54.5200



87.2370, 14.6160, 54.5200

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.



143.7400, 58.6760, 59.9880



124.7630, -14.6160, -54.5200



130.6520, -86.0160, 17.0240

Square

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



124.7630, -14.6160, -54.5200



126.3690, -120.2130, -18.5250



149.1860, 1.4580, 50.6900



138.8050, 93.3000, 16.1800

Rectangle

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



124.7630, -14.6160, -54.5200



118.7650, -96.0460, -43.5180



149.1860, 1.4580, 50.6900



138.5560, 82.3810, 54.3890

Sweetspot

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



124.7630, -14.6160, -54.5200



198.7040, -5.8190, -21.2030



133.7530, 45.2110, -20.9090



97.9420, -3.2530, -12.6370



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



124.7630, -14.6160, -54.5200



152.5880, -22.6340, -85.4340



119.3980, -41.2090, -51.6490



78.8810, -1.2830, -4.2830



95.8790, -18.4190, -68.2030



11.7620, -2.5660, -8.5660

Inverse Universe

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



87.2370, 14.6160, 54.5200



93.7110, 23.2300, 85.6460



92.6020, 41.2090, 51.6490



76.1190, 1.2830, 4.2830



49.1210, 18.4190, 68.2030



5.9390, 1.9700, 8.3540

Previews

White Background



This preview shows how the YIQ color 124.7630, -14.6160, -54.5200 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 124.7630, -14.6160, -54.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

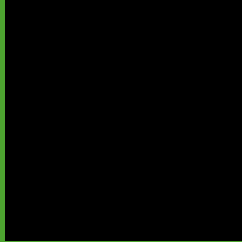
Any Text WCAG AA ✓ Pass

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 124.7630, -14.6160, -54.5200 Background



This preview shows how black text looks on a background with the YIQ color 124.7630, -14.6160, -54.5200.



This preview shows how white text looks on a background with the YIQ color 124.7630, -14.6160, -54.5200.

-54.5200.

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

124.7630, -14.6160, -54.5200

Protanopia

138.4550, 42.8740, -28.1180

Deuteranopia

140.5520, 50.3910, -15.6650



Tritanopia

138.2220, -36.0360, -7.7160

Trichromacy



Original Color

124.7630, -14.6160, -54.5200

Protanomaly

133.5230, 21.8310, -37.7290

Deuteranomaly

134.9030, 26.8730, -29.9830

Tritanomaly

133.2760, -28.1010, -24.8770

Monochromacy



Original Color

124.7630, -14.6160, -54.5200

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9430, -4.9940, -19.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7630, -14.6160, -54.5200 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(77, 164, 48)` looks like.

```
.text, #text, p{  
    color:rgb(77, 164, 48)  
}
```

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(77, 164, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 164, 48) }
```

Border

The CSS property to change the border of an element to YIQ 124.7630, -14.6160, -54.5200 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(77, 164, 48) }
```


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

```
.border{ border-color:rgb(77, 164, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 164, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 164, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 164, 48);  
box-shadow:4px 4px 4px 4px rgb(77, 164,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7630, -14.6160, -54.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 164, 48) }
```

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

```
.background{ background-color: rgb(77, 164,  
48) }
```

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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