

Converting Colors

YIQ(54.6720, -11.9610,
-31.0410)

Have a look what the booklet for
YIQ(54.6720, -11.9610, -31.0410)
contains.

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Color

**YIQ(54.6720, -11.9610,
-31.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	184E0F
RGB	24, 78, 15
RGB Percent	9%, 31%, 6%
CMY	0.9060, 0.6940, 0.9412
CMYK	0.69, 0.00, 0.81, 0.69
HSL	111°, 68%, 18%
HSV	111°, 81%, 31%
XYZ	3.1879, 5.6801, 1.3803
YIQ	54.6720, -11.9610, -31.0410

Conversions

Conversions Part 2

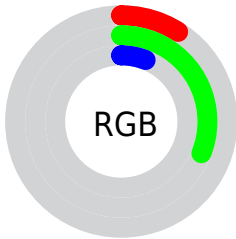
Format	Color
RYB	15, 78, 69
Decimal	1592847
CIELab	28.59, -30.95, 30.25
CIELCh	29, 43.278, 135.663
Yxy	5.6801, 0.3111, 0.5542
Android (android.graphics.Color)	4279782927 (0xFF184E0F)
YUV	54.6720, -19.5583, -26.8993
Hunter-Lab	23.8330, -17.8318, 13.2493

Details

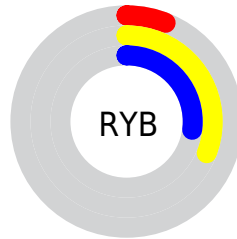
The YIQ color **54.6720, -11.9610, -31.0410** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **38.3280, 11.9610, 31.0410**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9280, -9.8060, -31.5500**, and **20.5450, -9.6250, -18.3050** is the 20% darker color. If you saturate the color by 10%, you get **51.6670, -13.5650, -35.0130**, and if you desaturate by 10%, it is **57.6770, -10.3570, -27.0690**.

Distribution



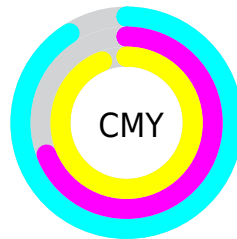
- Red (9%)
- Green (31%)
- Blue (6%)



- Red (6%)
- Yellow (31%)
- Blue (27%)



- Cyan (69%)
- Magenta (0%)
- Yellow (81%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.6720, -11.9610, -31.0410 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 54.6720, -11.9610, -31.0410 by changing the saturation by 10% instead.

■ 54.6720, -11.9610,
-31.0410

■ 54.6720, -11.9610,
-31.0410

■ 254.0880, 2.5680,
-2.4880

■ 32.2850, -15.1250,
-28.7650

■ 104.9280, -9.8060,
-31.5500

■ 20.5450, -9.6250,
-18.3050

■ 130.4010, -9.7600,
-32.3840

■ 0.0000, 0.0000,
0.0000

■ 157.1730, -9.1180,
-33.0060

■ 184.3470, -9.6680,
-34.0520

■ 212.1190, -9.0260,
-34.6740

■ 234.2490, -6.2760,

-29.4440

■ 246.1120, 2.0200,
-14.5880

■ 54.6720, -11.9610,
-31.0410

■ 54.6720, -11.9610,
-31.0410

■ 51.6670, -13.5650,
-35.0130

■ 57.6770, -10.3570,
-27.0690

■ 49.0750, -14.8940,
-38.4620

■ 60.3830, -9.3490,
-23.3090

■ 63.2740, -7.4240,
-19.6480

■ 66.2790, -5.8200,
-15.6760

■ 68.9850, -4.8120,
-11.9160

■ 71.9900, -3.2080,
-7.9440

■ 74.9950, -1.6040,
-3.9720

■ 77.8860, 0.3210,
-0.3110

■ 80.5920, 1.3290,
3.4490

Harmonies

Analogous

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



61.4110, 19.8110, -23.1410



54.6720, -11.9610, -31.0410



53.2470, -38.3250, -26.8130

Triad

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



54.6720, -11.9610, -31.0410



59.6600, -63.2720, 1.3040



61.6850, 50.2000, 26.3600

Complementary

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



54.6720, -11.9610, -31.0410



38.3280, 11.9610, 31.0410

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.



65.2290, 34.2890, 33.8810



54.6720, -11.9610, -31.0410



60.0800, -46.5390, 11.9330

Square

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



54.6720, -11.9610, -31.0410



60.6570, -59.1900, -6.5980



69.3700, 2.9750, 28.6950



63.6780, 50.9370, 7.4890

Rectangle

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



54.6720, -11.9610, -31.0410



56.4560, -45.9830, -20.1830



69.3700, 2.9750, 28.6950



62.4660, 46.6230, 30.6150

Sweetspot

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



54.6720, -11.9610, -31.0410



92.9850, -4.8120, -11.9160



65.5350, 22.6980, -14.8860



45.4030, -2.9330, -7.4210



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



54.6720, -11.9610, -31.0410



65.2990, -18.8810, -48.8090



54.4890, -24.3870, -26.1070



36.6470, -0.5040, -1.8800



64.0600, -19.7060, -50.3780



144.8770, -43.5820, -113.2940

Inverse Universe

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



38.3280, 11.9610, 31.0410



39.7010, 18.8810, 48.8090



38.5110, 24.3870, 26.1070



35.6520, 1.1000, 2.0920



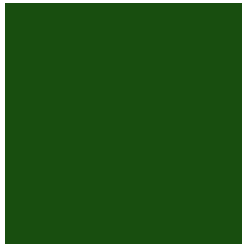
37.9400, 19.7060, 50.3780



85.1230, 43.5820, 113.2940

Previews

White Background



This preview shows how the YIQ color 54.6720, -11.9610, -31.0410 looks on a white background.

Color Contrast Check

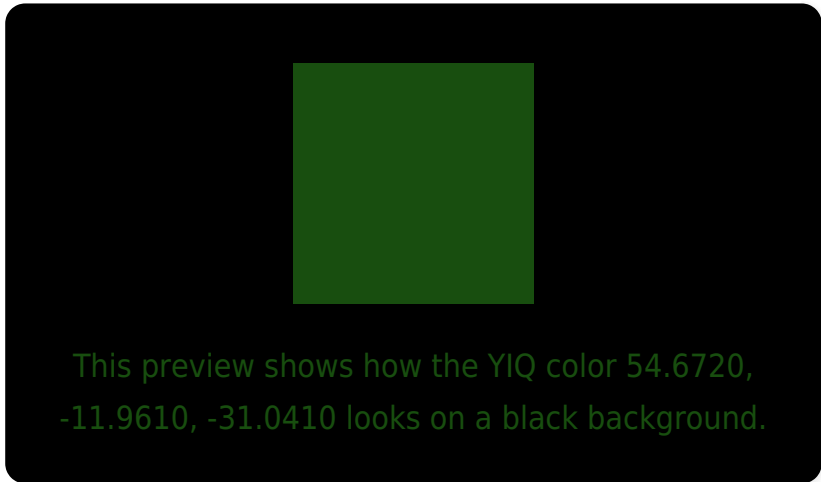
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

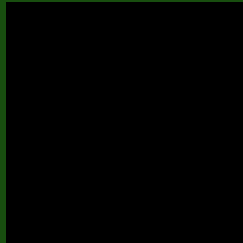
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.6720, -11.9610, -31.0410

Background



This preview shows how black text looks on a background with the YIQ color 54.6720, -11.9610, -31.0410.



This preview shows how white text looks on a background with the YIQ color 54.6720, -11.9610,

-31.0410.

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

54.6720, -11.9610, -31.0410

Protanopia

64.0080, 22.7440, -15.7200

Deuteranopia

65.1920, 25.4020, -8.8220



Tritanopia

63.5180, -22.1900, -5.3420

Trichromacy



Original Color

54.6720, -11.9610, -31.0410

Protanomaly

60.7890, 9.9990, -21.5290

Deuteranomaly

61.2070, 11.8780, -17.0340

Tritanomaly

60.5750, -18.3370, -14.6010

Monochromacy



Original Color

54.6720, -11.9610, -31.0410

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6970, -3.9410, -11.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.6720, -11.9610, -31.0410 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(24, 78, 15)` looks like.

```
.text, #text, p{  
    color:rgb(24, 78, 15)  
}
```

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(24, 78, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 78, 15) }
```

Border

The CSS property to change the border of an element to YIQ 54.6720, -11.9610, -31.0410 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(24, 78, 15) }
```


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

```
.border{ border-color:rgb(24, 78, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 78, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 78, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 78, 15);  
box-shadow:4px 4px 4px 4px rgb(24, 78, 15)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.6720, -11.9610, -31.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 78, 15) }
```

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

```
.background{ background-color: rgb(24, 78,  
15) }
```

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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