

Converting Colors

YIQ(144.5180, 55.7580,
-30.3380)

Have a look what the booklet for
YIQ(144.5180, 55.7580, -30.3380)
contains.

YIQ(144.5180, 55.7580, -30.3380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(144.5180, 55.7580,
-30.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	B3951F
RGB	179, 149, 31
RGB Percent	70%, 58%, 12%
CMY	0.2980, 0.4157, 0.8781
CMYK	0.00, 0.17, 0.83, 0.30
HSL	48°, 70%, 41%
HSV	48°, 83%, 70%
XYZ	29.5841, 31.1738, 5.7597
YIQ	144.5180, 55.7580, -30.3380

Conversions

Conversions Part 2

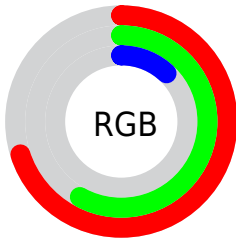
Format	Color
RYB	69, 179, 31
Decimal	11769119
CIELab	62.65, -0.17, 60.53
CIELCh	63, 60.533, 90.165
Yxy	31.1738, 0.4448, 0.4687
Android (android.graphics.Color)	4289959199 (0xFFB3951F)
YUV	144.5180, -55.9644, 30.2407
Hunter-Lab	55.8335, -3.1282, 32.9671

Details

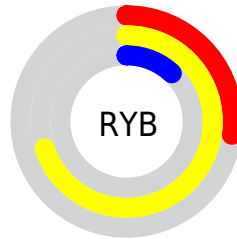
The YIQ color **144.5180, 55.7580, -30.3380** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **65.4820, -55.7580, 30.3380**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **200.2410, 58.0960, -28.6560**, and **94.5910, 45.4870, -25.9130** is the 20% darker color. If you saturate the color by 10%, you get **140.1180, 62.6360, -33.8440**, and if you desaturate by 10%, it is **148.9180, 48.8800, -26.8320**.

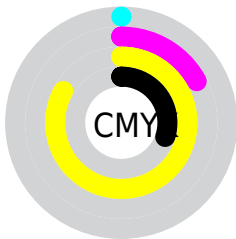
Distribution



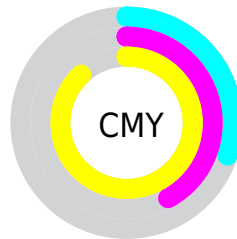
- Red (70%)
- Green (58%)
- Blue (12%)



- Red (27%)
- Yellow (70%)
- Blue (12%)



- Cyan (0%)
- Magenta (17%)
- Yellow (83%)
- Black (30%)



- Cyan (30%)
- Magenta (42%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.5180, 55.7580, -30.3380 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 144.5180, 55.7580, -30.3380 by changing the saturation by 10% instead.

■ 144.5180, 55.7580,
-30.3380

■ 144.5180, 55.7580,
-30.3380

■ 255.0000, -0.0000,
-0.0000

■ 117.0510, 55.5750,
-32.5290

■ 200.2410, 58.0960,
-28.6560

■ 94.5910, 45.4870,
-25.9130

■ 224.8380, 51.8610,
-31.2990

■ 72.4300, 35.9950,
-19.0850

■ 242.0040, 36.5940,
-35.4540

■ 51.1440, 25.3570,
-13.5150

■ 245.1960, 27.6060,
-26.7460

■ 31.3420, 16.2320,
-7.8320

■ 248.3880, 18.6180,
-18.0380

■ 9.4690, 5.8690,
-1.7390

■ 251.6940, 9.3090,

■ 0.0000, 0.0000,

-9.0190

0.0000

■ 144.5180, 55.7580,
-30.3380

■ 144.5180, 55.7580,
-30.3380

■ 140.1180, 62.6360,
-33.8440

■ 148.9180, 48.8800,
-26.8320

■ 137.4620, 67.3590,
-36.8410

■ 152.7310, 42.2770,
-22.8030

■ 157.1310, 35.3990,
-19.2970

■ 161.5310, 28.5210,
-15.7910

■ 165.3440, 21.9180,
-11.7620

■ 169.6300, 15.3610,
-8.5670

■ 173.4430, 8.7580,
-4.5380

■ 177.8430, 1.8800,
-1.0320

■ 182.2430, -4.9980,
2.4740

Harmonies

Analogous

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



147.7130, 78.2190, -2.3650



144.5180, 55.7580, -30.3380



139.3430, 13.3500, -43.7220

Triad

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



144.5180, 55.7580, -30.3380



127.1550, -114.1590, -29.1270



155.2850, 31.8560, 50.4480

Complementary

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



144.5180, 55.7580, -30.3380



65.4820, -55.7580, 30.3380

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.



153.7970, -25.7280, 36.7680



144.5180, 55.7580, -30.3380



128.1930, -125.3490, -13.5490

Square

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



144.5180, 55.7580, -30.3380



120.9990, -96.8250, -45.9210



121.8160, -125.3050, -3.3290



150.2830, 69.7280, 46.9120

Rectangle

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



144.5180, 55.7580, -30.3380



132.7050, -25.8960, -48.3280



121.8160, -125.3050, -3.3290



155.7220, 14.3880, 47.6360

Sweetspot

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



144.5180, 55.7580, -30.3380



218.3440, 21.9180, -11.7620



78.9000, 77.9360, 41.3280



108.9010, 13.1600, -7.2240



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



144.5180, 55.7580, -30.3380



178.1910, 86.7550, -46.9490



149.5700, 22.4760, -54.9320



86.8000, 3.4390, -1.7530



117.3610, 57.6380, -31.3700



19.5140, 9.9960, -4.9480

Inverse Universe

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



65.4820, -55.7580, 30.3380



55.8090, -86.7550, 46.9490



60.4300, -22.4760, 54.9320



82.2000, -3.4390, 1.7530



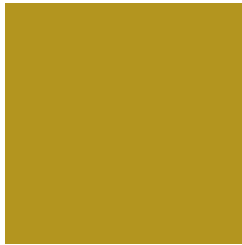
35.6390, -57.6380, 31.3700



5.8990, -9.7210, 5.4710

Previews

White Background



This preview shows how the YIQ color 144.5180, 55.7580, -30.3380 looks on a white 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

Black Background



This preview shows how the YIQ color 144.5180, 55.7580, -30.3380 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 ✓ Pass

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

YIQ 144.5180, 55.7580, -30.3380

Background



This preview shows how black text looks on a background with the YIQ color 144.5180, 55.7580, -30.3380.



This preview shows how white text looks on a background with the YIQ color 144.5180, 55.7580,

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

144.5180, 55.7580, -30.3380

Protanopia

144.0010, 49.8440, -33.2920

Deuteranopia

145.5130, 63.3220, -24.2460



Tritanopia

154.4920, 25.3980, 13.2860

Trichromacy



Original Color

144.5180, 55.7580, -30.3380

Protanomaly

144.3110, 51.9070, -32.1330

Deuteranomaly

145.3770, 60.7090, -26.4510

Tritanomaly

151.0410, 36.3130, -2.8150

Monochromacy



Original Color

144.5180, 55.7580, -30.3380

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.5010, 20.0380, -10.7300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.5180, 55.7580, -30.3380 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(179, 149, 31)` looks like.

```
.text, #text, p{  
    color:rgb(179, 149, 31)  
}
```

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(179, 149, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 149, 31) }
```

Border

The CSS property to change the border of an element to YIQ 144.5180, 55.7580, -30.3380 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(179, 149, 31) }
```


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

```
.border{ border-color:rgb(179, 149, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 149, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 149, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 149, 31);  
box-shadow:4px 4px 4px 4px rgb(179, 149,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 144.5180, 55.7580, -30.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 149, 31) }
```

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

```
.background{ background-color: rgb(179,  
149, 31) }
```

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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