

Converting Colors

YIQ(150.6430, -30.2120,
-14.1480)

Have a look what the booklet for
YIQ(150.6430, -30.2120, -14.1480)
contains.

YIQ(150.6430, -30.2120, -14.1480)	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(150.6430, -30.2120,
-14.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	71A8A0
RGB	113, 168, 160
RGB Percent	44%, 66%, 63%
CMY	0.5570, 0.3411, 0.3727
CMYK	0.33, 0.00, 0.05, 0.34
HSL	171°, 24%, 55%
HSV	171°, 33%, 66%
XYZ	27.1551, 34.0593, 38.3873
YIQ	150.6430, -30.2120, -14.1480

Conversions

Conversions Part 2

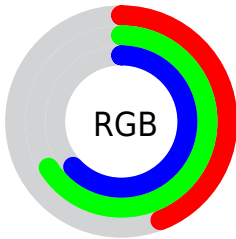
Format	Color
RYB	113, 143, 168
Decimal	7448736
CIELab	65.01, -19.87, -1.62
CIElCh	65, 19.933, 184.652
Yxy	34.0593, 0.2726, 0.3420
Android (android.graphics.Color)	4285638816 (0xFF71A8A0)
YUV	150.6430, 4.6130, -33.0129
Hunter-Lab	58.3603, -19.0743, 1.8534

Details

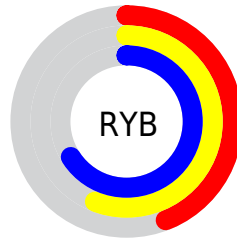
The YIQ color **150.6430, -30.2120, -14.1480** is a light color, and the websafe version is hex **669999**. A complement of this color would be **130.3570, 30.2120, 14.1480**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3440, -30.8080, -14.3600**, and **99.0560, -29.9370, -13.6250** is the 20% darker color. If you saturate the color by 10%, you get **145.3320, -39.7020, -18.3740**, and if you desaturate by 10%, it is **155.9540, -20.7220, -9.9220**.

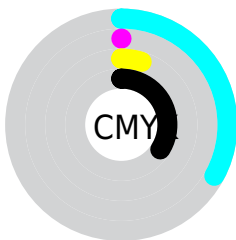
Distribution



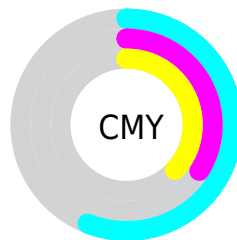
- Red (44%)
- Green (66%)
- Blue (63%)



- Red (44%)
- Yellow (56%)
- Blue (66%)



- Cyan (33%)
- Magenta (0%)
- Yellow (5%)
- Black (34%)



- Cyan (56%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.6430, -30.2120, -14.1480 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 150.6430, -30.2120, -14.1480 by changing the saturation by 10% instead.

■ 150.6430,
-30.2120, -14.1480

■ 150.6430,
-30.2120, -14.1480

■ 255.0000, -0.0000,
-0.0000

■ 124.0560,
-29.9370, -13.6250

■ 205.3440,
-30.8080, -14.3600

■ 99.0560, -29.9370,
-13.6250

■ 233.6320,
-31.6790, -15.0950

■ 73.7570, -30.5330,
-13.8370

■ 245.4320,
-19.0720, -6.7840

■ 47.7780, -35.0260,
-15.0100

■ 254.1030, -1.7880,
-0.6360

■ 30.9750, -25.2150,
-11.0950

■ 17.4280, -13.2490,
-7.6890

■ 0.0000, 0.0000,

0.0000

■ 150.6430,
-30.2120, -14.1480

■ 150.6430,
-30.2120, -14.1480

■ 145.3320,
-39.7020, -18.3740

■ 155.9540,
-20.7220, -9.9220

■ 139.9070,
-48.8710, -22.9110

■ 161.3790,
-11.5530, -5.3850

■ 134.8950,
-57.7650, -26.9250

■ 166.3910, -2.6590,
-1.3710

■ 129.4700,
-66.9340, -31.4620

■ 171.8160, 6.5100,
3.1660

■ 124.1590,
-76.4240, -35.6880

■ 177.1270, 16.0000,
7.3920

■ 118.7340,
-85.5930, -40.2250

■ 182.5520, 25.1690,
11.9290

■ 114.9180,
-92.1030, -43.3910

■ 187.8630, 34.6590,
16.1550

■ 192.9890, 43.2320,
20.4800

■ 195.6090, 47.3580,
22.7980

Harmonies

Analogous

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



152.7880, -14.6230, -15.8310



150.6430, -30.2120, -14.1480



150.4990, -38.3740, -9.3980

Triad

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



150.6430, -30.2120, -14.1480



159.5780, -4.0830, 13.4290



158.6040, 27.4180, -1.3020

Complementary

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



150.6430, -30.2120, -14.1480



130.3570, 30.2120, 14.1480

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.



160.0270, 30.9010, 7.1650



150.6430, -30.2120, -14.1480



160.7280, 13.1100, 15.7180

Square

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



150.6430, -30.2120, -14.1480



156.9070, -21.3670, 7.2810



160.9050, 25.6730, 13.8090



156.5980, 18.3870, -8.3410

Rectangle

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



150.6430, -30.2120, -14.1480



152.1450, -37.1370, -4.2810



160.9050, 25.6730, 13.8090



158.9680, 29.3890, 1.5250

Sweetspot

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



150.6430, -30.2120, -14.1480



212.0800, -12.1490, -5.5970



147.6770, -10.3570, -27.0690



105.5860, -7.7020, -3.5900



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



150.6430, -30.2120, -14.1480



192.2170, -46.8080, -21.7520



140.4020, -27.5550, -1.7230



81.4940, -4.4470, -2.0070



101.2400, -81.1460, -38.2180



13.6780, -10.9570, -5.1730

Inverse Universe

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



130.3570, 30.2120, 14.1480



160.7830, 46.8080, 21.7520



140.5980, 27.5550, 1.7230



78.5060, 4.4470, 2.0070



46.7600, 81.1460, 38.2180



6.3220, 10.9570, 5.1730

Previews

White Background



This preview shows how the YIQ color 150.6430, -30.2120, -14.1480 looks on a white background.

Color Contrast Check

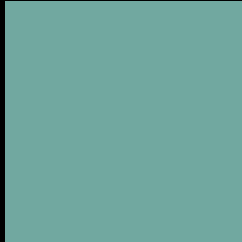
Large Text (above 18pt) WCAG AA × Fail

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 150.6430, -30.2120, -14.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

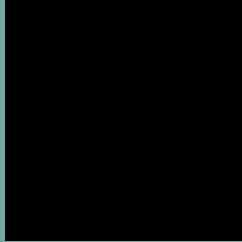
Any Text WCAG AA ✓ Pass

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 150.6430, -30.2120, -14.1480 Background



This preview shows how black text looks on a background with the YIQ color 150.6430, -30.2120, -14.1480.

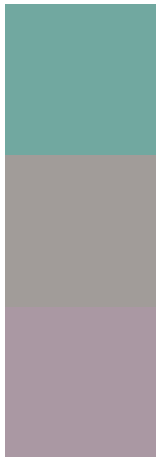


This preview shows how white text looks on a background with the YIQ color 150.6430, -30.2120, -14.1480.

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

150.6430, -30.2120, -14.1480

Protanopia

157.1530, 3.9430, 0.1270

Deuteranopia

158.6360, 7.1970, 7.2370



Tritanopia

152.2440, -33.1020, -5.8220

Trichromacy



Original Color

150.6430, -30.2120, -14.1480

Protanomaly

154.7600, -8.2520, -4.6360

Deuteranomaly

155.7650, -6.6480, -0.6640

Tritanomaly

151.7340, -31.7260, -8.7340

Monochromacy



Original Color

150.6430, -30.2120, -14.1480

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.6780, -10.9570, -5.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.6430, -30.2120, -14.1480 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(113, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(113, 168, 160)  
}
```

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(113, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 168, 160) }
```

Border

The CSS property to change the border of an element to YIQ 150.6430, -30.2120, -14.1480 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(113, 168, 160) }
```


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

```
.border{ border-color:rgb(113, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(113, 168,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 150.6430, -30.2120, -14.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 168, 160) }
```

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

```
.background{ background-color: rgb(113,  
168, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor