

Converting Colors

YIQ(133.9470, 31.6000,
-55.0880)

Have a look what the booklet for
YIQ(133.9470, 31.6000, -55.0880)
contains.

YIQ(133.9470, 31.6000, -55.0880)	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(133.9470, 31.6000,
-55.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	82A105
RGB	130, 161, 5
RGB Percent	51%, 63%, 2%
CMY	0.4904, 0.3686, 0.9801
CMYK	0.19, 0.00, 0.97, 0.37
HSL	72°, 94%, 33%
HSV	72°, 97%, 63%
XYZ	21.9740, 30.2476, 4.8256
YIQ	133.9470, 31.6000, -55.0880

Conversions

Conversions Part 2

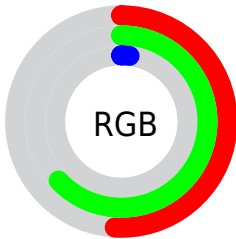
Format	Color
RYB	5, 161, 36
Decimal	8560901
CIELab	61.87, -28.76, 63.48
CIELCh	62, 69.688, 114.375
Yxy	30.2476, 0.3852, 0.5302
Android (android.graphics.Color)	4286750981 (0xFF82A105)
YUV	133.9470, -63.5709, -3.4615
Hunter-Lab	54.9978, -24.9276, 33.2963

Details

The YIQ color **133.9470, 31.6000, -55.0880** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **32.0530, -31.6000, 55.0880**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.2550, 27.9770, -49.9990**, and **86.4080, 14.7250, -41.1070** is the 20% darker color. If you saturate the color by 10%, you get **133.0780, 32.6090, -56.8550**, and if you desaturate by 10%, it is **136.6680, 28.2520, -49.4760**.

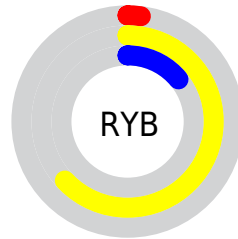
Distribution



Red (51%)

Green (63%)

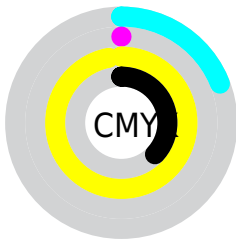
Blue (2%)



Red (2%)

Yellow (63%)

Blue (14%)

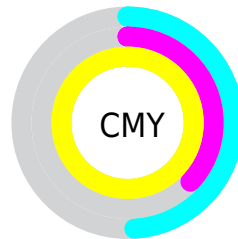


Cyan (19%)

Magenta (0%)

Yellow (97%)

Black (37%)



Cyan (49%)

Magenta (37%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.9470, 31.6000, -55.0880 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 133.9470, 31.6000, -55.0880 by changing the saturation by 10% instead.

■ 133.9470, 31.6000,
-55.0880

■ 133.9470, 31.6000,
-55.0880

■ 255.0000, -0.0000,
-0.0000

■ 109.7430, 23.6670,
-48.9810

■ 191.2550, 27.9770,
-49.9990

■ 86.4080, 14.7250,
-41.1070

■ 219.5540, 28.5730,
-49.7870

■ 64.2470, 5.2330,
-34.2790

■ 237.8740, 33.8440,
-40.6840

■ 41.4880, -5.4510,
-27.8750

■ 243.9420, 31.1370,
-30.1670

■ 22.8930, -10.7250,
-20.3970

■ 247.2480, 21.8280,
-21.1480

■ 7.6310, -3.5750,
-6.7990

■ 250.4400, 12.8400,

■ 0.0000, 0.0000,

-12.4400

0.0000

253.8600, 3.2100,
-3.1100

133.9470, 31.6000,
-55.0880

133.9470, 31.6000,
-55.0880

133.0780, 32.6090,
-56.8550

136.6680, 28.2520,
-49.4760

139.3890, 24.9040,
-43.8640

142.4090, 22.1520,
-38.0400

145.1300, 18.8040,
-32.4280

147.9650, 15.1350,
-26.5050

■ 150.6860, 11.7870,
-20.8930

■ 153.4070, 8.4390,
-15.2810

■ 156.4270, 5.6870,
-9.4570

■ 159.1480, 2.3390,
-3.8450

Harmonies

Analogous

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



140.4520, 73.3190, -34.7210



133.9470, 31.6000, -55.0880



118.7400, -51.3400, -60.7800

Triad

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



133.9470, 31.6000, -55.0880



129.9370, -127.5040, -13.0400



144.8250, 74.4940, 59.6620

Complementary

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



133.9470, 31.6000, -55.0880



32.0530, -31.6000, 55.0880

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.



152.6790, 25.1150, 56.9790



133.9470, 31.6000, -55.0880



122.9900, -125.8550, -4.3750

Square

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



133.9470, 31.6000, -55.0880



127.1720, -112.8290, -31.2050



147.1520, -45.9010, 33.4190



141.2900, 94.2130, 38.1890

Rectangle

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



133.9470, 31.6000, -55.0880



116.3080, -84.9940, -56.5940



147.1520, -45.9010, 33.4190



147.9360, 61.0600, 60.8360

Sweetspot

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



133.9470, 31.6000, -55.0880



198.4580, 12.4290, -21.5150



68.6670, 85.0010, 17.9050



98.3900, 7.1090, -13.2030



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



133.9470, 31.6000, -55.0880



172.6160, 42.0570, -73.9030



111.2230, -13.6960, -71.2000



80.3760, 1.6970, -3.2230



119.7990, 29.2610, -51.2430



14.7520, 3.3940, -6.4460

Inverse Universe

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



32.0530, -31.6000, 55.0880



36.3840, -42.0570, 73.9030



54.7770, 13.6960, 71.2000



74.6240, -1.6970, 3.2230



25.2010, -29.2610, 51.2430



3.2480, -3.3940, 6.4460

Previews

White Background



This preview shows how the YIQ color 133.9470, 31.6000, -55.0880 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 133.9470, 31.6000, -55.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

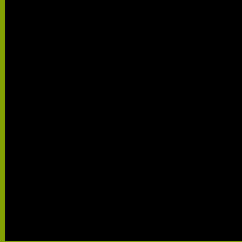
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 133.9470, 31.6000, -55.0880

Background



This preview shows how black text looks on a background with the YIQ color 133.9470, 31.6000, -55.0880.



This preview shows how white text looks on a background with the YIQ color 133.9470, 31.6000, -55.0880.

-55.0880.

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

133.9470, 31.6000, -55.0880

Protanopia

138.2820, 58.8780, -42.8340

Deuteranopia

142.2850, 63.9640, -24.8680



Tritanopia

149.2750, -8.0240, 2.2480

Trichromacy



Original Color

133.9470, 31.6000, -55.0880

Protanomaly

136.6720, 48.7920, -47.2720

Deuteranomaly

139.0890, 52.4120, -35.7800

Tritanomaly

143.6300, 6.1930, -18.6310

Monochromacy



Original Color

133.9470, 31.6000, -55.0880

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.2130, 11.7410, -20.0590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9470, 31.6000, -55.0880 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(130, 161, 5)` looks like.

```
.text, #text, p{  
    color:rgb(130, 161, 5)  
}
```

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(130, 161, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 161, 5) }
```

Border

The CSS property to change the border of an element to YIQ 133.9470, 31.6000, -55.0880 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(130, 161, 5) }
```


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

```
.border{ border-color:rgb(130, 161, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 161, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 161, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 161, 5);  
box-shadow:4px 4px 4px 4px rgb(130, 161,  
5) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9470, 31.6000, -55.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 161, 5) }
```

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

```
.background{ background-color: rgb(130,  
161, 5) }
```

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