

Converting Colors

YIQ(150.8060, -29.9470,
41.6450)

Have a look what the booklet for
YIQ(150.8060, -29.9470, 41.6450)
contains.

YIQ(150.8060, -29.9470, 41.6450)	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(150.8060, -29.9470,
41.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	9484FF
RGB	148, 132, 255
RGB Percent	58%, 52%, 100%
CMY	0.4195, 0.4824, 0.0002
CMYK	0.42, 0.48, 0.00, 0.00
HSL	248°, 100%, 76%
HSV	248°, 48%, 100%
XYZ	38.5096, 30.0159, 98.3256
YIQ	150.8060, -29.9470, 41.6450

Conversions

Conversions Part 2

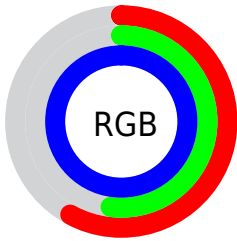
Format	Color
RYB	148, 132, 255
Decimal	9733375
CIELab	61.67, 35.21, -59.40
CIELCh	62, 69.054, 300.653
Yxy	30.0159, 0.2308, 0.1799
Android (android.graphics.Color)	4287923455 (0xFF9484FF)
YUV	150.8060, 51.3676, -2.4609
Hunter-Lab	54.7868, 29.5908, -68.0568

Details

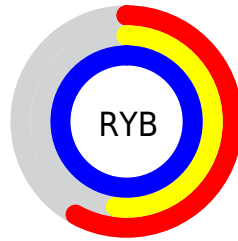
The YIQ color $150.8060, -29.9470, 41.6450$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $236.1940, 29.9470, -41.6450$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $199.2590, -9.9540, 26.2220$, and $97.5020, -32.1470, 37.4610$ is the 20% darker color. If you saturate the color by 10%, you get $129.5530, -36.1840, 50.0560$, and if you desaturate by 10%, it is $172.0590, -23.7100, 33.2340$.

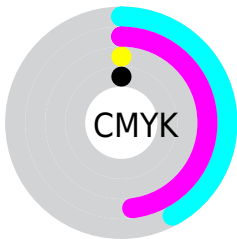
Distribution



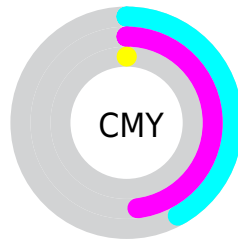
- Red (58%)
- Green (52%)
- Blue (100%)



- Red (58%)
- Yellow (52%)
- Blue (100%)



- Cyan (42%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.8060, -29.9470, 41.6450 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 150.8060, -29.9470, 41.6450 by changing the saturation by 10% instead.

■ 150.8060,
-29.9470, 41.6450

■ 150.8060,
-29.9470, 41.6450

■ 255.0000, -0.0000,
-0.0000

■ 124.1540,
-31.0470, 39.5530

■ 199.2590, -9.9540,
26.2220

■ 97.5020, -32.1470,
37.4610

■ 224.6650, 0.2260,
17.9380

■ 71.6540, -35.6310,
34.5210

■ 247.3690, 3.5750,
6.7990

■ 44.0010, -44.1580,
29.3620

■ 22.6160, -41.6360,
27.7080

■ 10.3740, -29.2110,
28.3010

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,
6.3190

■ 150.8060,
-29.9470, 41.6450

■ 150.8060,
-29.9470, 41.6450

■ 129.5530,
-36.1840, 50.0560

■ 172.0590,
-23.7100, 33.2340

■ 107.7130,
-42.1460, 58.9900

■ 193.8990,
-17.7480, 24.3000

■ 86.4600, -48.3830,
67.4010

■ 215.4510,
-10.9150, 16.1010

■ 64.3210, -54.9410,
76.1230

■ 237.2910, -4.9530,
7.1670

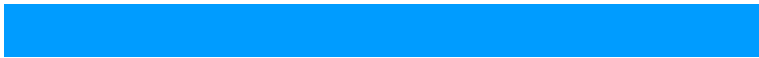
■ 43.0680, -61.1780, 255.0000, -0.0000,
84.5340 -0.0000

■ 38.9370, -62.1870,
86.3010

Harmonies

Analogous

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



120.6420, -124.7550, -2.2830



150.8060, -29.9470, 41.6450



151.0780, 37.1730, 58.7170

Triad

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



150.8060, -29.9470, 41.6450



142.6940, 88.3980, -5.1220



120.7710, -96.1830, -46.5430

Complementary

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



150.8060, -29.9470, 41.6450



236.1940, 29.9470, -41.6450

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.



111.2410, -74.8600, -64.0440



150.8060, -29.9470, 41.6450



139.2120, 65.0670, -39.3570

Square

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



150.8060, -29.9470, 41.6450



142.2590, 95.4980, 31.4180



132.9160, 15.6900, -53.0940



127.2520, -115.8100, -26.7380

Rectangle

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



150.8060, -29.9470, 41.6450



145.3020, 68.7170, 59.7330



132.9160, 15.6900, -53.0940



117.7900, -89.1670, -52.5510

Sweetspot

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



150.8060, -29.9470, 41.6450



224.5990, -8.5760, 12.2560



210.0050, -69.4580, -18.7540



109.4050, -5.2740, 7.4780



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



150.8060, -29.9470, 41.6450



129.5530, -36.1840, 50.0560



168.7460, 5.8130, 54.3650



116.7810, -3.5770, 4.2550



29.2490, -46.4110, 64.7010



9.6880, -15.7760, 21.6000

Inverse Universe

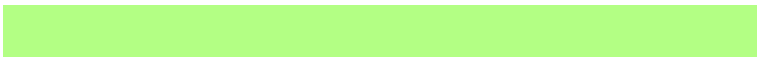
The Inverse Universe completely reimagines the original color for something new.



180.9750, 38.9610, 59.3530



165.9580, 46.7990, 71.4950



218.2540, -5.8130, -54.3650



120.1410, 4.2170, 6.1770



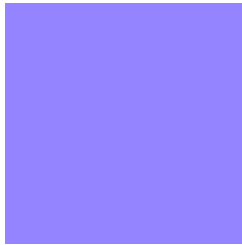
76.0330, 60.5500, 92.1180



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 150.8060, -29.9470, 41.6450 looks on a white background.

Color Contrast Check

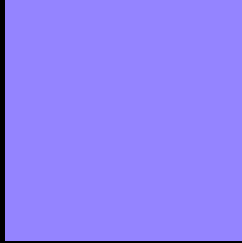
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.8060, -29.9470, 41.6450 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 150.8060, -29.9470, 41.6450

Background



This preview shows how black text looks on a background with the YIQ color 150.8060, -29.9470, 41.6450.



This preview shows how white text looks on a background with the YIQ color 150.8060, -29.9470,

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

150.8060, -29.9470, 41.6450

Protanopia

144.0850, -62.1300, 24.6700

Deuteranopia

139.6870, -75.9290, 15.9350



Tritanopia

146.2950, -19.9440, -1.9920

Trichromacy



Original Color

150.8060, -29.9470, 41.6450

Protanomaly

146.2330, -50.6230, 30.8890

Deuteranomaly

143.4660, -58.8290, 25.4190

Tritanomaly

147.7530, -23.5690, 14.1510

Monochromacy



Original Color

150.8060, -29.9470, 41.6450

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9240, -10.8690, 15.2670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.8060, -29.9470, 41.6450 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(148, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 132, 255)  
}
```

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(148, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 132, 255) }
```

Border

The CSS property to change the border of an element to YIQ 150.8060, -29.9470, 41.6450 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(148, 132, 255) }
```


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

```
.border{ border-color:rgb(148, 132, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 132,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 150.8060, -29.9470, 41.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 132, 255) }
```

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

```
.background{ background-color: rgb(148,  
132, 255) }
```

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