

Converting Colors

YIQ(160.3280, -49.9330,
18.3790)

Have a look what the booklet for
YIQ(160.3280, -49.9330, 18.3790)
contains.

YIQ(160.3280, -49.9330, 18.3790)	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(160.3280, -49.9330,
18.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA2F7
RGB	124, 162, 247
RGB Percent	49%, 64%, 97%
CMY	0.5137, 0.3646, 0.0316
CMYK	0.50, 0.34, 0.00, 0.03
HSL	221°, 88%, 73%
HSV	221°, 50%, 97%
XYZ	38.0121, 36.8420, 93.0490
YIQ	160.3280, -49.9330, 18.3790

Conversions

Conversions Part 2

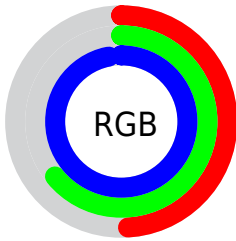
Format	Color
RYB	124, 153, 247
Decimal	8168183
CIELab	67.16, 9.94, -46.42
CIELCh	67, 47.469, 282.088
Yxy	36.8420, 0.2264, 0.2194
Android (android.graphics.Color)	4286358263 (0xFF7CA2F7)
YUV	160.3280, 42.7293, -31.8597
Hunter-Lab	60.6976, 5.5655, -48.4028

Details

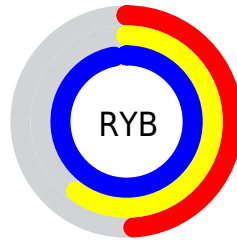
The YIQ color **160.3280, -49.9330, 18.3790** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **210.6720, 49.9330, -18.3790**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **210.8670, -33.0580, 4.3980**, and **105.9530, -53.3710, 14.6050** is the 20% darker color. If you saturate the color by 10%, you get **142.8740, -60.1580, 21.9700**, and if you desaturate by 10%, it is **177.7820, -39.7080, 14.7880**.

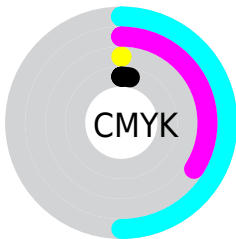
Distribution



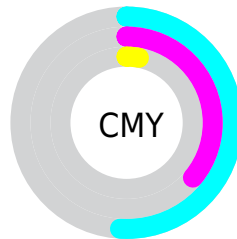
- Red (49%)
- Green (64%)
- Blue (97%)



- Red (49%)
- Yellow (60%)
- Blue (97%)



- Cyan (50%)
- Magenta (34%)
- Yellow (0%)
- Black (3%)



- Cyan (51%)
- Magenta (36%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.3280, -49.9330, 18.3790 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 160.3280, -49.9330, 18.3790 by changing the saturation by 10% instead.

■ 160.3280,
-49.9330, 18.3790

■ 160.3280,
-49.9330, 18.3790

■ 255.0000, -0.0000,
-0.0000

■ 133.0890,
-50.7580, 16.8100

■ 210.8670,
-33.0580, 4.3980

■ 105.9530,
-53.3710, 14.6050

■ 235.9740,
-23.4740, -4.0980

■ 77.4250, -60.7520,
10.7040

■ 250.8140, -8.3440,
-2.9680

■ 53.0720, -61.2560,
8.8240

■ 37.7810, -47.1350,
11.7210

■ 23.1910, -33.6100,
14.4060

■ 10.5900, -21.5520,

16.1440

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,
4.4530

■ 160.3280,
-49.9330, 18.3790

■ 160.3280,
-49.9330, 18.3790

■ 142.8740,
-60.1580, 21.9700

■ 177.7820,
-39.7080, 14.7880

■ 125.7190,
-69.7870, 25.7730

■ 194.9370,
-30.0790, 10.9850

■ 108.2650,
-80.0120, 29.3640

■ 212.3910,
-19.8540, 7.3940

■ 90.8110, -90.2370,
32.9550

■ 229.8450, -9.6290,
3.8030

■ 73.6560, -99.8660,
36.7580

■ 247.0000, -0.0000,
-0.0000

■ 72.7700,
-100.1870, 37.0690

■ 254.0880, 2.5680,
-2.4880

Harmonies

Analogous

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



130.5410, -126.4490, -15.6410



160.3280, -49.9330, 18.3790



168.0910, -0.3730, 34.3070

Triad

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



160.3280, -49.9330, 18.3790



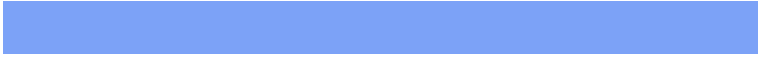
163.2950, 68.3130, 11.9690



141.7510, -57.9000, -41.0040

Complementary

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



160.3280, -49.9330, 18.3790



210.6720, 49.9330, -18.3790

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.



152.4460, -5.6330, -35.5930



160.3280, -49.9330, 18.3790



161.5470, 57.9550, -9.5730

Square

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



160.3280, -49.9330, 18.3790



164.9640, 62.7160, 30.8120



158.2350, 31.8700, -26.9300



129.1150, -108.6550, -40.7750

Rectangle

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



160.3280, -49.9330, 18.3790



167.9820, 27.9150, 39.2670



158.2350, 31.8700, -26.9300



146.4560, -37.9560, -39.0120

Sweetspot

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



160.3280, -49.9330, 18.3790



228.3760, -15.4980, 5.5420



205.7770, -60.7890, -38.2050



111.7310, -9.3080, 3.4920



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.



160.3280, -49.9330, 18.3790



147.0310, -62.0380, 23.0020



144.8990, -25.7750, 43.1290



113.7160, -4.9520, 1.6400



55.2500, -75.6560, 27.5120



17.2920, -23.8890, 8.9350

Inverse Universe

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



165.1090, 61.1100, 37.8940



153.1050, 76.1010, 47.0530



226.1010, 25.7750, -43.1290



114.0440, 5.8680, 3.7880



62.2260, 92.2380, 57.4700



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 160.3280, -49.9330, 18.3790 looks on a white background.

Color Contrast Check

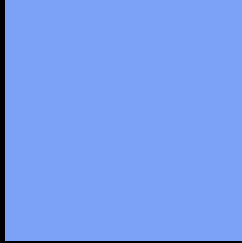
Large Text (above 18pt) WCAG AA × Fail

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 160.3280, -49.9330, 18.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

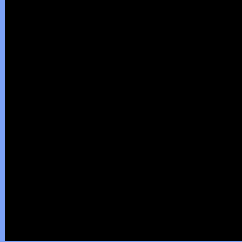
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 160.3280, -49.9330, 18.3790

Background



This preview shows how black text looks on a background with the YIQ color 160.3280, -49.9330, 18.3790.



This preview shows how white text looks on a background with the YIQ color 160.3280, -49.9330, 18.3790.

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

160.3280, -49.9330, 18.3790

Protanopia

161.6170, -43.3770, 20.7110

Deuteranopia

160.0290, -50.5290, 18.1670



Tritanopia

154.9650, -45.6180, -10.2740

Trichromacy



Original Color

160.3280, -49.9330, 18.3790

Protanomaly

161.4210, -45.7610, 19.8630

Deuteranomaly

160.0290, -50.5290, 18.1670

Tritanomaly

157.1040, -47.0870, -0.1670

Monochromacy



Original Color

160.3280, -49.9330, 18.3790

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.3480, -18.2950, 6.6730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.3280, -49.9330, 18.3790 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(124, 162, 247)` looks like.

```
.text, #text, p{  
    color:rgb(124, 162, 247)  
}
```

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(124, 162, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 162, 247) }
```

Border

The CSS property to change the border of an element to YIQ 160.3280, -49.9330, 18.3790 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(124, 162, 247) }
```


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

```
.border{ border-color:rgb(124, 162, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 162, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 162, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 162, 247);  
box-shadow:4px 4px 4px 4px rgb(124, 162,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 160.3280, -49.9330, 18.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 162, 247) }
```

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

```
.background{ background-color: rgb(124,  
162, 247) }
```

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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