

Converting Colors

YIQ(126.8110, -31.7660,
-41.0620)

Have a look what the booklet for
YIQ(126.8110, -31.7660, -41.0620)
contains.

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Color

**YIQ(126.8110, -31.7660,
-41.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	47A25C
RGB	71, 162, 92
RGB Percent	28%, 64%, 36%
CMY	0.7218, 0.3645, 0.6393
CMYK	0.56, 0.00, 0.43, 0.36
HSL	134°, 39%, 46%
HSV	134°, 56%, 64%
XYZ	17.4517, 27.9635, 14.5987
YIQ	126.8110, -31.7660, -41.0620

Conversions

Conversions Part 2

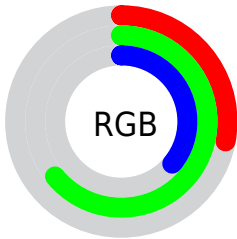
Format	Color
RYB	71, 145, 162
Decimal	4694620
CIELab	59.86, -42.78, 28.42
CIElCh	60, 51.359, 146.400
Yxy	27.9635, 0.2908, 0.4660
Android (android.graphics.Color)	4282884700 (0xFF47A25C)
YUV	126.8110, -17.1618, -48.9462
Hunter-Lab	52.8806, -33.6323, 20.6482

Details

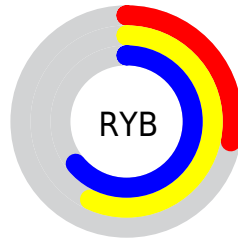
The YIQ color $126.8110, -31.7660, -41.0620$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $106.1890, 31.7660, 41.0620$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $182.2410, -30.1610, -42.6170$, and $68.9990, -44.0990, -43.3230$ is the 20% darker color. If you saturate the color by 10%, you get $120.6590, -37.4500, -48.1860$, and if you desaturate by 10%, it is $132.9630, -26.0820, -33.9380$.

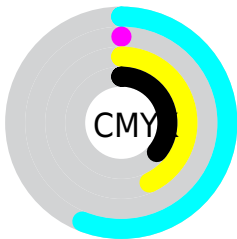
Distribution



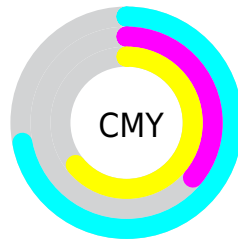
- Red (28%)
- Green (64%)
- Blue (36%)



- Red (28%)
- Yellow (57%)
- Blue (64%)



- Cyan (56%)
- Magenta (0%)
- Yellow (43%)
- Black (36%)




- Cyan (72%)
- Magenta (36%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.8110, -31.7660, -41.0620 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 126.8110, -31.7660, -41.0620 by changing the saturation by 10% instead.


 126.8110,
-31.7660, -41.0620


 126.8110,
-31.7660, -41.0620


 255.0000, -0.0000,
-0.0000


 99.2560, -34.5170,
-40.7650


 182.2410,
-30.1610, -42.6170


 68.9990, -44.0990,
-43.3230


 210.1270,
-29.8400, -42.9280

 51.7020, -29.8410,
-37.4010

 226.8600,
-24.2940, -33.3020

 35.2200, -16.5000,
-31.3800

 238.8370,
-16.3190, -18.1350

 23.4800, -11.0000,
-20.9200

 250.7000, -8.0230,
-3.2790

 0.0000, 0.0000,
0.0000

■ 126.8110,
-31.7660, -41.0620

■ 126.8110,
-31.7660, -41.0620

■ 120.6590,
-37.4500, -48.1860

■ 132.9630,
-26.0820, -33.9380

■ 114.3930,
-42.8130, -55.6210

■ 139.2290,
-20.7190, -26.5030

■ 107.9420,
-49.0930, -62.9570

■ 145.6800,
-14.4390, -19.1670

■ 101.6760,
-54.4560, -70.3920

■ 151.9460, -9.0760,
-11.7320

■ 99.3120, -56.4270,
-73.2190

■ 158.0980, -3.3920,
-4.6080

■ 164.3640, 1.9710,
2.8270

■ 170.5160, 7.6550,
9.9510

■ 177.0810, 13.6140,

17.5980

■ 183.2330, 19.2980,
24.7220

Harmonies

Analogous

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



135.2930, 16.7870, -34.4210



126.8110, -31.7660, -41.0620



113.0600, -89.6270, -44.2110

Triad

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



126.8110, -31.7660, -41.0620



115.3130, -116.6390, -6.1990



143.1680, 70.6490, 24.7050

Complementary

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



126.8110, -31.7660, -41.0620



106.1890, 31.7660, 41.0620

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.



145.0530, 55.5160, 40.1560



126.8110, -31.7660, -41.0620



145.8580, -27.6980, 28.4140

Square

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



126.8110, -31.7660, -41.0620



119.4730, -114.5740, -16.0940



148.3280, 21.1290, 41.1050



142.2590, 67.9940, 1.2260

Rectangle

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



126.8110, -31.7660, -41.0620



117.1810, -99.8530, -35.0930



148.3280, 21.1290, 41.1050



143.6010, 68.1720, 31.0520

Sweetspot

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



126.8110, -31.7660, -41.0620



198.0440, -12.4680, -16.3400



145.6460, 17.2910, -32.5410



98.8970, -7.3800, -9.4280



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



126.8110, -31.7660, -41.0620



157.1160, -49.6430, -64.0030



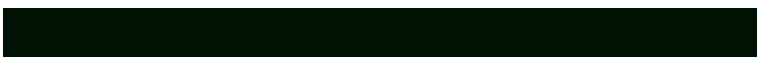
131.8270, -45.8900, -27.3780



78.5110, -3.1170, -4.0850



88.9910, -50.7890, -65.2610



11.0220, -6.2340, -8.1700

Inverse Universe

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



106.1890, 31.7660, 41.0620



124.8840, 49.6430, 64.0030



101.1730, 45.8900, 27.3780



76.4890, 3.1170, 4.0850



56.1230, 50.4680, 65.5720



6.9780, 6.2340, 8.1700

Previews

White Background



This preview shows how the YIQ color 126.8110, -31.7660, -41.0620 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 126.8110, -31.7660, -41.0620 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 × Fail

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

YIQ 126.8110, -31.7660, -41.0620 Background



This preview shows how black text looks on a background with the YIQ color 126.8110, -31.7660, -41.0620.



This preview shows how white text looks on a background with the YIQ color 126.8110, -31.7660,

-41.0620.

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

126.8110, -31.7660, -41.0620

Protanopia

140.5740, 26.9620, -15.0700

Deuteranopia

142.7200, 32.7830, -4.9210



Tritanopia

135.6450, -41.7210, -9.3130

Trichromacy



Original Color

126.8110, -31.7660, -41.0620

Protanomaly

135.7560, 5.5980, -24.3700

Deuteranomaly

137.0110, 9.4940, -17.8820

Tritanomaly

132.2350, -38.0510, -20.7630

Monochromacy



Original Color

126.8110, -31.7660, -41.0620

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.1690, -11.3220, -15.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8110, -31.7660, -41.0620 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(71, 162, 92)` looks like.

```
.text, #text, p{  
    color:rgb(71, 162, 92)  
}
```

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(71, 162, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 162, 92) }
```

Border

The CSS property to change the border of an element to YIQ 126.8110, -31.7660, -41.0620 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(71, 162, 92) }
```


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

```
.border{ border-color:rgb(71, 162, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 162, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 162, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 162, 92);  
box-shadow:4px 4px 4px 4px rgb(71, 162,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8110, -31.7660, -41.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 162, 92) }
```

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

```
.background{ background-color: rgb(71, 162,  
92) }
```

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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