

Converting Colors

YIQ(105.4410, -31.3180,
16.9220)

Have a look what the booklet for
YIQ(105.4410, -31.3180, 16.9220)
contains.

YIQ(105.4410, -31.3180, 16.9220)	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(105.4410, -31.3180,
16.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	5667A9
RGB	86, 103, 169
RGB Percent	34%, 40%, 66%
CMY	0.6627, 0.5960, 0.3374
CMYK	0.49, 0.39, 0.00, 0.34
HSL	228°, 33%, 50%
HSV	228°, 49%, 66%
XYZ	15.8460, 14.5433, 39.4861
YIQ	105.4410, -31.3180, 16.9220

Conversions

Conversions Part 2

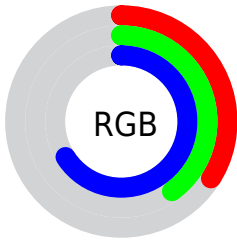
Format	Color
R _Y B	86, 100, 169
Decimal	5662633
CIE _{Lab}	45.00, 12.25, -37.45
CIE _{LCh}	45, 39.399, 288.111
Y _{xy}	14.5433, 0.2268, 0.2081
Android (android.graphics.Color)	4283852713 (0xFF5667A9)
YUV	105.4410, 31.3346, -17.0498
Hunter-Lab	38.1357, 7.4322, -34.6945

Details

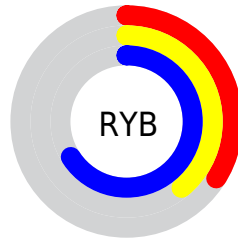
The YIQ color **105.4410, -31.3180, 16.9220** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **149.5590, 31.3180, -16.9220**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9080, -31.1350, 19.1130**, and **55.3540, -35.6270, 12.4130** is the 20% darker color. If you saturate the color by 10%, you get **92.7270, -37.8750, 20.1170**, and if you desaturate by 10%, it is **118.1550, -24.7610, 13.7270**.

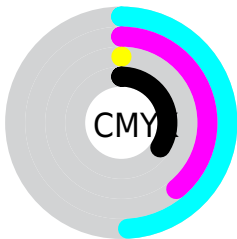
Distribution



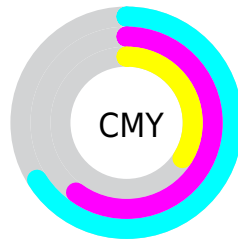
- Red (34%)
- Green (40%)
- Blue (66%)



- Red (34%)
- Yellow (39%)
- Blue (66%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (34%)



- Cyan (66%)
- Magenta (60%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.4410, -31.3180, 16.9220 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 105.4410, -31.3180, 16.9220 by changing the saturation by 10% instead.

■ 105.4410,
-31.3180, 16.9220

■ 105.4410,
-31.3180, 16.9220

■ 255.0000, -0.0000,
-0.0000

■ 80.2020, -32.1430,
15.3530

■ 157.9080,
-31.1350, 19.1130

■ 55.3540, -35.6270,
12.4130

■ 185.3210,
-30.8600, 19.6360

■ 30.9190, -38.8360,
9.9960

■ 209.7700,
-22.2390, 12.0730

■ 16.4430, -25.6320,
12.9920

■ 234.8770,
-12.6550, 3.5770

■ 6.8910, -15.2700,
12.4260

■ 254.7010, -0.5960,
-0.2120

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 105.4410,
-31.3180, 16.9220

■ 105.4410,
-31.3180, 16.9220

■ 92.7270, -37.8750,
20.1170

■ 118.1550,
-24.7610, 13.7270

■ 79.4260, -44.1570,
23.8350

■ 131.4560,
-18.4790, 10.0090

■ 66.7120, -50.7140,
27.0300

■ 144.1700,
-11.9220, 6.8140

■ 53.4110, -56.9960,
30.7480

■ 157.4710, -5.6400,
3.0960

■ 40.9960, -62.9570,
34.1550

■ 169.8860, 0.3210,
-0.3110

■ 39.8110, -63.8740,
34.2540

■ 183.1870, 6.6030,
-4.0290

■ 195.9010, 13.1600,
-7.2240

■ 208.6150, 19.7170,
-10.4190

■ 221.9160, 25.9990,
-14.1370

Harmonies

Analogous

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



86.2980, -85.9200, -6.7520



105.4410, -31.3180, 16.9220



110.1100, 6.6430, 28.2990

Triad

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



105.4410, -31.3180, 16.9220



105.6240, 51.0290, 5.8210



82.1020, -63.0820, -35.1940

Complementary

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



105.4410, -31.3180, 16.9220



149.5590, 31.3180, -16.9220

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.



96.5520, -11.5030, -28.3270



105.4410, -31.3180, 16.9220



103.9240, 40.7160, -11.0280

Square

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



105.4410, -31.3180, 16.9220



106.6370, 50.1550, 21.6670



101.5250, 19.4900, -22.8300



86.5650, -74.2710, -25.1430

Rectangle

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



105.4410, -31.3180, 16.9220



109.2280, 26.8620, 30.8140



101.5250, 19.4900, -22.8300



88.9320, -41.9920, -31.9440

Sweetspot

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



105.4410, -31.3180, 16.9220



193.8710, -12.5180, 6.6020



142.1310, -43.6900, -23.1940



94.6280, -7.5200, 4.1280



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.



105.4410, -31.3180, 16.9220



119.9680, -48.5590, 26.5210



102.6380, -12.3390, 30.9010



77.4990, -2.8430, 1.9650



34.4820, -55.7580, 30.3380



4.6280, -7.5200, 4.1280

Inverse Universe

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



112.7550, 44.0110, 22.8830



131.5350, 68.5380, 35.4340



152.3620, 12.3390, -30.9010



78.5060, 4.4470, 2.0070



47.6720, 78.5780, 40.7060



6.4360, 10.6360, 5.4840

Previews

White Background



This preview shows how the YIQ color 105.4410, -31.3180, 16.9220 looks on a white 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

Black Background



This preview shows how the YIQ color 105.4410, -31.3180, 16.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

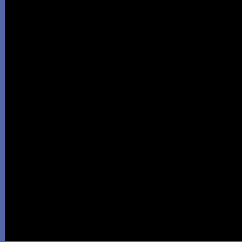
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.4410, -31.3180, 16.9220

Background



This preview shows how black text looks on a background with the YIQ color 105.4410, -31.3180, 16.9220.



This preview shows how white text looks on a background with the YIQ color 105.4410, -31.3180,

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

105.4410, -31.3180, 16.9220

Protanopia

104.6470, -34.8940, 15.6500

Deuteranopia

102.9020, -40.1660, 12.0740



Tritanopia

101.7670, -27.3250, -5.8930

Trichromacy



Original Color

105.4410, -31.3180, 16.9220

Protanomaly

105.2450, -33.7020, 16.0740

Deuteranomaly

103.8100, -36.9110, 13.6570

Tritanomaly

102.8520, -28.7020, 2.5460

Monochromacy



Original Color

105.4410, -31.3180, 16.9220

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9420, -11.2800, 6.1920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.4410, -31.3180, 16.9220 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(86, 103, 169)` looks like.

```
.text, #text, p{  
    color:rgb(86, 103, 169)  
}
```

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(86, 103, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 103, 169) }
```

Border

The CSS property to change the border of an element to YIQ 105.4410, -31.3180, 16.9220 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(86, 103, 169) }
```


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

```
.border{ border-color:rgb(86, 103, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 103, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 103, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 103, 169);  
box-shadow:4px 4px 4px 4px rgb(86, 103,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 105.4410, -31.3180, 16.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 103, 169) }
```

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

```
.background{ background-color: rgb(86, 103,  
169) }
```

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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