

Converting Colors

YIQ(146.9180, -1.5640, 28.3560)

Have a look what the booklet for
YIQ(146.9180, -1.5640, 28.3560)
contains.

YIQ(146.9180, -1.5640, 28.3560)	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(146.9180, -1.5640,
28.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	A381C5
RGB	163, 129, 197
RGB Percent	64%, 51%, 77%
CMY	0.3607, 0.4942, 0.2275
CMYK	0.17, 0.35, 0.00, 0.23
HSL	270°, 37%, 64%
HSV	270°, 35%, 77%
XYZ	33.0354, 27.5172, 56.3845
YIQ	146.9180, -1.5640, 28.3560

Conversions

Conversions Part 2

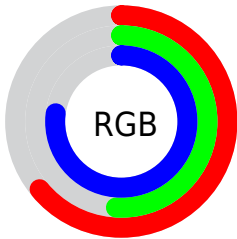
Format	Color
RYB	163, 129, 197
Decimal	10715589
CIELab	59.45, 26.33, -30.52
CIELCh	59, 40.309, 310.786
Yxy	27.5172, 0.2825, 0.2353
Android (android.graphics.Color)	4288905669 (0xFFA381C5)
YUV	146.9180, 24.6904, 14.1039
Hunter-Lab	52.4568, 20.6135, -27.0095

Details

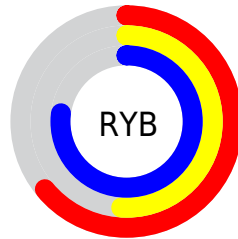
The YIQ color $146.9180, -1.5640, 28.3560$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $179.0820, 1.5640, -28.3560$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $201.2710, -1.0600, 30.2360$, and $95.5650, -2.0680, 26.4760$ is the 20% darker color. If you saturate the color by 10%, you get $132.1880, -2.0240, 36.6960$, and if you desaturate by 10%, it is $161.6480, -1.1040, 20.0160$.

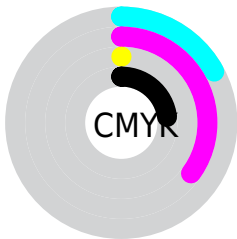
Distribution



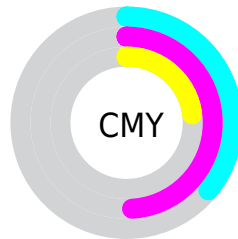
- Red (64%)
- Green (51%)
- Blue (77%)



- Red (64%)
- Yellow (51%)
- Blue (77%)



- Cyan (17%)
- Magenta (35%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.9180, -1.5640, 28.3560 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 146.9180, -1.5640, 28.3560 by changing the saturation by 10% instead.

■ 146.9180, -1.5640,
28.3560

■ 146.9180, -1.5640,
28.3560

■ 255.0000, -0.0000,
-0.0000

■ 121.0920, -2.1140,
27.3100

■ 201.2710, -1.0600,
30.2360

■ 95.5650, -2.0680,
26.4760

■ 226.4920, 8.2030,
22.0510

■ 71.6250, -2.2970,
25.1190

■ 245.0210, 4.6750,
8.8910

■ 47.7990, -2.8470,
24.0730

■ 25.5600, -3.6720,
22.5040

■ 10.9250, -3.4420,
18.3340

■ 3.3230, -7.9790,

6.9410

0.0000, 0.0000,
0.0000

146.9180, -1.5640,
28.3560

146.9180, -1.5640,
28.3560

132.1880, -2.0240,
36.6960

161.6480, -1.1040,
20.0160

118.0450, -2.7590,
44.5130

175.7910, -0.3690,
12.1990

103.6140, -2.6230,
53.0650

190.5210, 0.0910,
3.8590

88.8840, -3.0830,
61.4050

204.9520, -0.0450,
-4.6930

74.1540, -3.5430,
69.7450

219.0950, 0.6900,
-12.5100

60.0110, -4.2780,
77.5620

233.8250, 1.1500,
-20.8500

52.0590, -4.2330,
82.2550

241.5110, 4.9100,
-22.9140

244.5010, 10.8700,
-20.7940

247.4910, 16.8300,
-18.6740

Harmonies

Analogous

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



140.2270, -42.4590, 15.0850



146.9180, -1.5640, 28.3560



147.2070, 31.3550, 31.9870

Triad

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



146.9180, -1.5640, 28.3560



141.7510, 48.6930, -6.9150



112.7640, -94.3050, -36.5210

Complementary

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



146.9180, -1.5640, 28.3560



179.0820, 1.5640, -28.3560

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.



126.9210, -43.4590, -32.8910



146.9180, -1.5640, 28.3560



139.0700, 28.2010, -21.0070

Square

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



146.9180, -1.5640, 28.3560



143.6080, 57.1260, 10.9660



134.5160, -2.6540, -29.0060



115.3520, -104.3480, -25.2120

Rectangle

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



146.9180, -1.5640, 28.3560



145.5260, 46.3940, 29.2580



134.5160, -2.6540, -29.0060



110.8090, -90.1780, -39.7300

Sweetspot

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



146.9180, -1.5640, 28.3560



236.4380, -0.8730, 10.3190



156.7100, -31.1780, 3.3660



116.2160, -0.3680, 6.6720



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.



146.9180, -1.5640, 28.3560



177.8170, -2.1170, 43.8910



157.0840, 18.7000, 35.5640



92.2220, -0.5050, 3.6470



43.1000, -3.4510, 68.0770



9.4860, -0.8280, 15.0120

Inverse Universe

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



153.2080, 29.6140, 24.9900



187.4370, 45.5670, 38.7430



168.9160, -18.7000, -35.5640



93.1470, 4.0800, 3.1520



57.9710, 71.1470, 59.7470



12.8160, 15.6780, 13.2300

Previews

White Background



This preview shows how the YIQ color 146.9180, -1.5640, 28.3560 looks on a white background.

Color Contrast Check

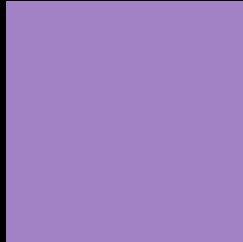
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.9180, -1.5640, 28.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

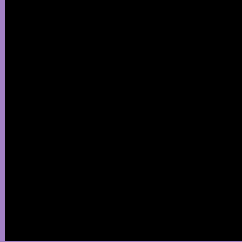
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.9180, -1.5640, 28.3560

Background



This preview shows how black text looks on a background with the YIQ color 146.9180, -1.5640, 28.3560.



This preview shows how white text looks on a background with the YIQ color 146.9180, -1.5640,

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

146.9180, -1.5640, 28.3560

Protanopia

142.8430, -32.5100, 16.4980

Deuteranopia

143.2690, -25.0820, 14.0380



Tritanopia

144.9240, 6.3260, 6.5020

Trichromacy



Original Color

146.9180, -1.5640, 28.3560

Protanomaly

144.5240, -21.1860, 20.5260

Deuteranomaly

144.9220, -16.5550, 19.1970

Tritanomaly

145.4110, 3.7570, 14.5170

Monochromacy



Original Color

146.9180, -1.5640, 28.3560

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.7370, -0.2770, 10.5310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.9180, -1.5640, 28.3560 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(163, 129, 197)` looks like.

```
.text, #text, p{  
    color:rgb(163, 129, 197)  
}
```

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(163, 129, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 129, 197) }
```

Border

The CSS property to change the border of an element to YIQ 146.9180, -1.5640, 28.3560 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(163, 129, 197) }
```


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

```
.border{ border-color:rgb(163, 129, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 129, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 129, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 129, 197);  
box-shadow:4px 4px 4px 4px rgb(163, 129,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 146.9180, -1.5640, 28.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 129, 197) }
```

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

```
.background{ background-color: rgb(163,  
129, 197) }
```

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