

Converting Colors

YIQ(146.9160, 0.7770, 13.4570)

Have a look what the booklet for
YIQ(146.9160, 0.7770, 13.4570)
contains.

YIQ(146.9160, 0.7770, 13.4570)	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(146.9160, 0.7770,
13.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8AA9
RGB	156, 138, 169
RGB Percent	61%, 54%, 66%
CMY	0.3882, 0.4588, 0.3373
CMYK	0.08, 0.18, 0.00, 0.34
HSL	275°, 15%, 60%
HSV	275°, 18%, 66%
XYZ	29.9617, 28.1087, 41.3799
YIQ	146.9160, 0.7770, 13.4570

Conversions

Conversions Part 2

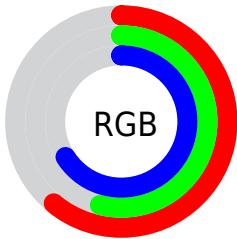
Format	Color
RYB	156, 138, 169
Decimal	10259113
CIELab	59.99, 12.76, -13.86
CIELCh	60, 18.835, 312.637
Yxy	28.1087, 0.3013, 0.2826
Android (android.graphics.Color)	4288449193 (0xFF9C8AA9)
YUV	146.9160, 10.8874, 7.9667
Hunter-Lab	53.0176, 8.0944, -9.1631

Details

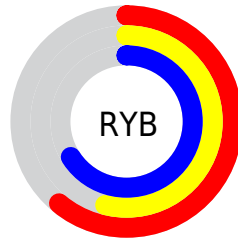
The YIQ color $146.9160, 0.7770, 13.4570$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $160.0840, -0.7770, -13.4570$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $200.7420, 1.3270, 14.5030$, and $96.3890, 0.8230, 12.6230$ is the 20% darker color. If you saturate the color by 10%, you get $134.8440, 1.2800, 20.8640$, and if you desaturate by 10%, it is $158.9880, 0.2740, 6.0500$.

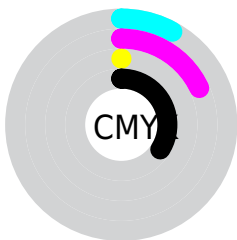
Distribution



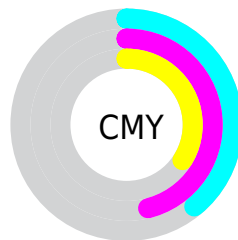
- Red (61%)
- Green (54%)
- Blue (66%)



- Red (61%)
- Yellow (54%)
- Blue (66%)



- Cyan (8%)
- Magenta (18%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.9160, 0.7770, 13.4570 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 146.9160, 0.7770, 13.4570 by changing the saturation by 10% instead.

■ 146.9160, 0.7770,
13.4570

■ 146.9160, 0.7770,
13.4570

255.0000, -0.0000,
-0.0000

■ 121.5030, 0.5020,
12.9340

■ 200.7420, 1.3270,
14.5030

■ 96.3890, 0.8230,
12.6230

■ 228.8560, 1.0060,
14.8140

■ 72.5630, 0.2730,
11.5770

■ 250.8910, 1.9250,
3.6610

■ 49.5630, 0.2730,
11.5770

■ 28.6230, 0.0440,
10.2200

■ 7.7480, 1.1900,
11.4780

■ 0.0000, 0.0000,

0.0000

■ 146.9160, 0.7770,
13.4570

■ 146.9160, 0.7770,
13.4570

■ 134.8440, 1.2800,
20.8640

■ 158.9880, 0.2740,
6.0500

■ 122.7720, 1.7830,
28.2710

■ 171.0600, -0.2290,
-1.3570

■ 110.7000, 2.2860,
35.6780

■ 183.1320, -0.7320,
-8.7640

■ 98.6280, 2.7890,
43.0850

■ 195.2040, -1.2350,
-16.1710

■ 86.5560, 3.2920,
50.4920

■ 206.6890, -1.4630,
-23.0550

■ 75.0710, 3.5200,
57.3760

■ 218.7610, -1.9660,
-30.4620

■ 62.7000, 3.4270,
64.5710

■ 230.5450, -1.5980,
-37.1340

■ 50.6280, 3.9300,
71.9780

■ 232.6380, 2.5740,
-35.6500

■ 48.5680, 4.1590,
73.3350

■ 234.7310, 6.7460,
-34.1660

Harmonies

Analogous

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



145.0710, -15.9570, 8.3550



146.9160, 0.7770, 13.4570



147.7560, 15.9070, 14.5870

Triad

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



146.9160, 0.7770, 13.4570



144.6960, 24.1630, -2.8850



137.5120, -31.2210, -12.3810

Complementary

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



146.9160, 0.7770, 13.4570



160.0840, -0.7770, -13.4570

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.



138.8740, -17.7410, -14.3890



146.9160, 0.7770, 13.4570



143.3200, 13.2980, -9.7260

Square

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



146.9160, 0.7770, 13.4570



145.8910, 28.2880, 4.9600



140.8990, -1.6940, -13.3580



138.6350, -35.7610, -7.1930

Rectangle

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



146.9160, 0.7770, 13.4570



147.4100, 22.6930, 12.7490



140.8990, -1.6940, -13.3580



138.0240, -26.9110, -13.3990

Sweetspot

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



146.9160, 0.7770, 13.4570



209.8740, 0.5950, 5.7390



149.1650, -13.5260, 2.8420



104.1080, -0.1840, 3.3360



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.



146.9160, 0.7770, 13.4570



184.8440, 1.2800, 20.8640



150.5750, 9.1670, 15.5910



78.4070, 0.4120, 3.5480



42.5860, 3.7480, 64.2600



5.8680, 0.7320, 8.7640

Inverse Universe

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



148.7510, 14.3030, 10.6150



187.6320, 22.1880, 16.3960



156.4250, -9.1670, -15.5910



78.7340, 3.8050, 2.6290



51.3200, 68.3060, 50.6580



7.0060, 9.0310, 7.0390

Previews

White Background



This preview shows how the YIQ color 146.9160, 0.7770, 13.4570 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 146.9160, 0.7770, 13.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

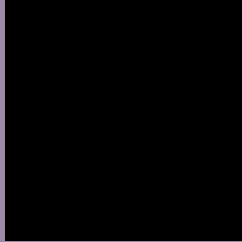
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.9160, 0.7770, 13.4570

Background



This preview shows how black text looks on a background with the YIQ color 146.9160, 0.7770, 13.4570.



This preview shows how white text looks on a background with the YIQ color 146.9160, 0.7770,

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

146.9160, 0.7770, 13.4570

Protanopia

145.2240, -12.0140, 8.4820

Deuteranopia

145.8720, -5.0910, 9.6690



Tritanopia

145.8420, 3.6210, 5.9650

Trichromacy



Original Color

146.9160, 0.7770, 13.4570

Protanomaly

145.7300, -7.5670, 10.4890

Deuteranomaly

146.1820, -3.0280, 10.8280

Tritanomaly

146.2380, 2.5660, 8.5660

Monochromacy



Original Color

146.9160, 0.7770, 13.4570

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.0480, 0.0450, 4.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.9160, 0.7770, 13.4570 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(156, 138, 169)` looks like.

```
.text, #text, p{  
    color:rgb(156, 138, 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(156, 138, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 138, 169) }
```

Border

The CSS property to change the border of an element to YIQ 146.9160, 0.7770, 13.4570 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(156, 138, 169) }
```


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

```
.border{ border-color:rgb(156, 138, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 138, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 138, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 138, 169);  
box-shadow:4px 4px 4px 4px rgb(156, 138,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 146.9160, 0.7770, 13.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 138, 169) }
```

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

```
.background{ background-color: rgb(156,  
138, 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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