

Converting Colors

YIQ(146.3290, 1.0520, 13.9800)

Have a look what the booklet for
YIQ(146.3290, 1.0520, 13.9800)
contains.

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Color

**YIQ(146.3290, 1.0520,
13.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	9C89A9
RGB	156, 137, 169
RGB Percent	61%, 54%, 66%
CMY	0.3882, 0.4628, 0.3373
CMYK	0.08, 0.19, 0.00, 0.34
HSL	276°, 16%, 60%
HSV	276°, 19%, 66%
XYZ	29.8190, 27.8230, 41.3323
YIQ	146.3290, 1.0520, 13.9800

Conversions

Conversions Part 2

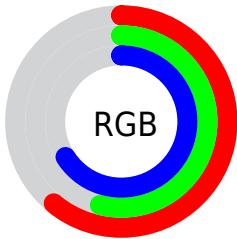
Format	Color
RYB	156, 137, 169
Decimal	10258857
CIELab	59.73, 13.33, -14.25
CIELCh	60, 19.510, 313.098
Yxy	27.8230, 0.3013, 0.2811
Android (android.graphics.Color)	4288448937 (0xFF9C89A9)
YUV	146.3290, 11.1768, 8.4815
Hunter-Lab	52.7475, 8.6006, -9.5356

Details

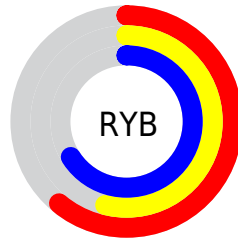
The YIQ color $146.3290, 1.0520, 13.9800$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $159.6710, -1.0520, -13.9800$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $200.1550, 1.6020, 15.0260$, and $95.8020, 1.0980, 13.1460$ is the 20% darker color. If you saturate the color by 10%, you get $134.2570, 1.5550, 21.3870$, and if you desaturate by 10%, it is $158.4010, 0.5490, 6.5730$.

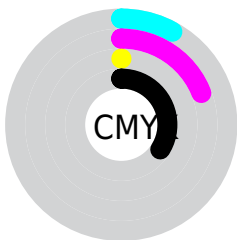
Distribution



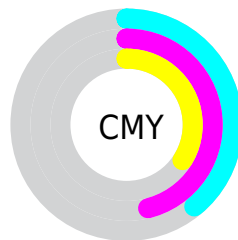
- Red (61%)
- Green (54%)
- Blue (66%)



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



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.3290, 1.0520, 13.9800 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 146.3290, 1.0520, 13.9800 by changing the saturation by 10% instead.

■ 146.3290, 1.0520,
13.9800

■ 146.3290, 1.0520,
13.9800

■ 255.0000, -0.0000,
-0.0000

■ 120.9160, 0.7770,
13.4570

■ 200.1550, 1.6020,
15.0260

■ 95.8020, 1.0980,
13.1460

■ 228.2690, 1.2810,
15.3370

■ 71.9760, 0.5480,
12.1000

■ 250.3040, 2.2000,
4.1840

■ 49.5630, 0.2730,
11.5770

■ 28.0360, 0.3190,
10.7430

■ 7.4490, 0.5940,
11.2660

■ 0.0000, 0.0000,

0.0000

■ 146.3290, 1.0520,
13.9800

■ 146.3290, 1.0520,
13.9800

■ 134.2570, 1.5550,
21.3870

■ 158.4010, 0.5490,
6.5730

■ 122.1850, 2.0580,
28.7940

■ 170.4730, 0.0460,
-0.8340

■ 110.1130, 2.5610,
36.2010

■ 182.5450, -0.4570,
-8.2410

■ 98.3400, 3.6600,
43.8200

■ 194.3180, -1.5560,
-15.8600

■ 86.2680, 4.1630,
51.2270

■ 205.8030, -1.7840,
-22.7440

■ 74.7830, 4.3910,
58.1110

■ 217.8750, -2.2870,
-30.1510

■ 62.7110, 4.8940,
65.5180

■ 229.9470, -2.7900,
-37.5580

■ 50.6390, 5.3970,
72.9250

■ 232.0400, 1.3820,
-36.0740

■ 49.1660, 5.3510,
73.7590

■ 234.1330, 5.5540,
-34.5900

Harmonies

Analogous

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



144.1850, -16.2780, 8.6660



146.3290, 1.0520, 13.9800



147.0550, 16.5030, 14.7990

Triad

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



146.3290, 1.0520, 13.9800



143.8810, 25.0800, -2.9840



136.9140, -32.4130, -12.8050

Complementary

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



146.3290, 1.0520, 13.9800



159.6710, -1.0520, -13.9800

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.



138.1620, -18.6120, -15.1240



146.3290, 1.0520, 13.9800



142.2060, 13.6190, -10.0370

Square

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



146.3290, 1.0520, 13.9800



145.3750, 29.8010, 5.0730



140.3720, -1.6480, -14.1920



137.2650, -37.5950, -6.9950

Rectangle

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



146.3290, 1.0520, 13.9800



147.0080, 23.8850, 13.1730



140.3720, -1.6480, -14.1920



137.1270, -28.6990, -14.0350

Sweetspot

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



146.3290, 1.0520, 13.9800



209.8740, 0.5950, 5.7390



148.2790, -13.8470, 3.1530



104.4070, 0.4120, 3.5480



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.



146.3290, 1.0520, 13.9800



183.6700, 1.8300, 21.9100



149.8740, 9.7630, 15.8030



78.4070, 0.4120, 3.5480



43.1840, 4.9400, 64.6840



5.8680, 0.7320, 8.7640

Inverse Universe

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



148.0500, 14.8990, 10.8270



186.2300, 23.3800, 16.8200



156.1260, -9.7630, -15.8030



78.7340, 3.8050, 2.6290



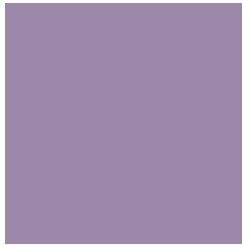
51.0920, 68.9480, 50.0360



6.8920, 9.3520, 6.7280

Previews

White Background



This preview shows how the YIQ color 146.3290, 1.0520, 13.9800 looks on a white background.

Color Contrast Check

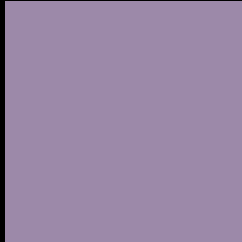
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.3290, 1.0520, 13.9800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

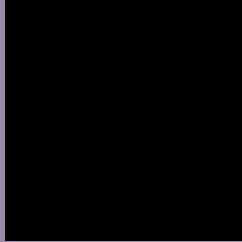
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.3290, 1.0520, 13.9800

Background



This preview shows how black text looks on a background with the YIQ color 146.3290, 1.0520, 13.9800.



This preview shows how white text looks on a background with the YIQ color 146.3290, 1.0520,

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

146.3290, 1.0520, 13.9800

Protanopia

144.9250, -12.6100, 8.2700

Deuteranopia

144.9860, -5.4120, 9.9800



Tritanopia

145.1410, 4.2170, 6.1770

Trichromacy



Original Color

146.3290, 1.0520, 13.9800

Protanomaly

145.7300, -7.5670, 10.4890

Deuteranomaly

145.5950, -2.7530, 11.3510

Tritanomaly

145.6510, 2.8410, 9.0890

Monochromacy



Original Color

146.3290, 1.0520, 13.9800

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.3470, 0.6410, 4.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.3290, 1.0520, 13.9800 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, 137, 169)` looks like.

```
.text, #text, p{  
    color:rgb(156, 137, 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, 137, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 137, 169) }
```

Border

The CSS property to change the border of an element to YIQ 146.3290, 1.0520, 13.9800 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, 137, 169) }
```


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

```
.border{ border-color:rgb(156, 137, 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, 137, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 137, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 137, 169);  
box-shadow:4px 4px 4px 4px rgb(156, 137,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 146.3290, 1.0520, 13.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 137, 169) }
```

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

```
.background{ background-color: rgb(156,  
137, 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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