

Converting Colors

YIQ(106.0360, 18.6550, 30.8710)

Have a look what the booklet for
YIQ(106.0360, 18.6550, 30.8710)
contains.

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Color

**YIQ(106.0360, 18.6550,
30.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	8F518A
RGB	143, 81, 138
RGB Percent	56%, 32%, 54%
CMY	0.4390, 0.6824, 0.4588
CMYK	0.00, 0.43, 0.04, 0.44
HSL	305°, 28%, 44%
HSV	305°, 43%, 56%
XYZ	18.8643, 13.5600, 25.6707
YIQ	106.0360, 18.6550, 30.8710

Conversions

Conversions Part 2

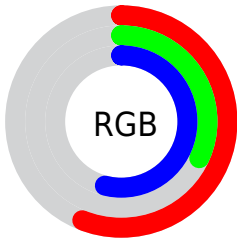
Format	Color
R _{YB}	143, 81, 138
Decimal	9392522
CIE Lab	43.60, 34.78, -20.80
CIE LCh	44, 40.527, 329.114
Yxy	13.5600, 0.3247, 0.2334
Android (android.graphics.Color)	4287582602 (0xFF8F518A)
YUV	106.0360, 15.7583, 32.4174
Hunter-Lab	36.8239, 27.0007, -15.5556

Details

The YIQ color **106.0360, 18.6550, 30.8710** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **117.9640, -18.6550, -30.8710**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.5740, 20.0760, 32.6520**, and **56.0250, 17.1880, 29.9240** is the 20% darker color. If you saturate the color by 10%, you get **97.7040, 22.8260, 37.8820**, and if you desaturate by 10%, it is **114.3680, 14.4840, 23.8600**.

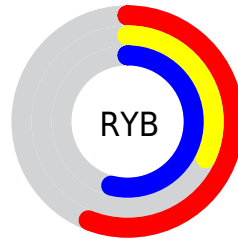
Distribution



Red (56%)

Green (32%)

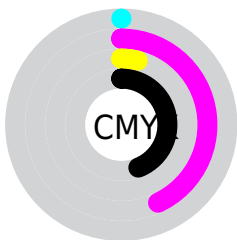
Blue (54%)



Red (56%)

Yellow (32%)

Blue (54%)

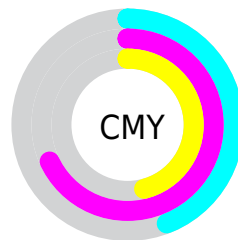


Cyan (0%)

Magenta (43%)

Yellow (4%)

Black (44%)



Cyan (44%)

Magenta (68%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.0360, 18.6550, 30.8710 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 106.0360, 18.6550, 30.8710 by changing the saturation by 10% instead.

106.0360, 18.6550,
30.8710

106.0360, 18.6550,
30.8710

255.0000, -0.0000,
-0.0000

81.2100, 18.1050,
29.8250

158.5740, 20.0760,
32.6520

56.0250, 17.1880,
29.9240

186.2860, 20.9470,
33.3870

30.5520, 17.1420,
30.7580

213.6990, 21.2220,
33.9100

17.6450, 12.1460,
22.1780

230.9330, 11.2750,
21.4430

4.4870, -2.5690,
8.0150

247.9560, 3.3000,
6.2760

0.0000, 0.0000,
0.0000

106.0360, 18.6550,
30.8710

106.0360, 18.6550,
30.8710

97.7040, 22.8260,
37.8820

114.3680, 14.4840,
23.8600

88.7850, 27.2720,
45.4160

123.2870, 10.0380,
16.3260

80.4530, 31.4430,
52.4270

131.6190, 5.8670,
9.3150

72.0070, 35.9350,
59.1270

140.0650, 1.3750,
2.6150

63.0880, 40.3810,
66.6610

148.9840, -3.0710,
-4.9190


57.6910, 43.1770,
71.0570

157.3160, -7.2420,
-11.9300

165.6480,
-11.4130, -18.9410

173.9800,

-15.5840, -25.9520

 182.8990,
-20.0300, -33.4860

Harmonies

Analogous

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



104.7310, -17.3350, 22.3210



106.0360, 18.6550, 30.8710



103.5580, 43.3680, 29.0320

Triad

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



106.0360, 18.6550, 30.8710



99.4130, 34.6650, -17.0070



85.2430, -76.0600, -20.2520

Complementary

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



106.0360, 18.6550, 30.8710



117.9640, -18.6550, -30.8710

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.



81.3670, -65.1460, -30.8260



106.0360, 18.6550, 30.8710



96.4420, 9.3580, -26.4340

Square

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



106.0360, 18.6550, 30.8710



101.0380, 49.5630, -0.6530



89.1740, -28.0540, -31.2380



85.7450, -82.9850, -10.3850

Rectangle

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



106.0360, 18.6550, 30.8710



102.2350, 51.3470, 22.0910



89.1740, -28.0540, -31.2380



84.5760, -72.8040, -24.1960

Sweetspot

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



106.0360, 18.6550, 30.8710



171.6840, 7.2420, 11.9300



89.2640, -17.5180, 20.1300



85.0810, 4.4460, 7.5340



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



106.0360, 18.6550, 30.8710



128.1490, 29.2430, 48.2430



102.6160, 28.2850, 21.5410



66.8910, 1.9250, 3.6610



54.5010, 40.6560, 67.1840



3.1900, 2.5210, 3.8730

Inverse Universe

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



106.0360, 18.6550, 30.8710



128.1490, 29.2430, 48.2430



121.3840, -28.2850, -21.5410



66.8910, 1.9250, 3.6610



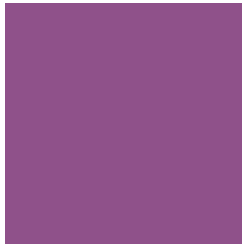
54.5010, 40.6560, 67.1840



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 106.0360, 18.6550, 30.8710 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 106.0360, 18.6550, 30.8710 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 106.0360, 18.6550, 30.8710

Background



This preview shows how black text looks on a background with the YIQ color 106.0360, 18.6550, 30.8710.



This preview shows how white text looks on a background with the YIQ color 106.0360, 18.6550,

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

106.0360, 18.6550, 30.8710

Protanopia

103.1440, -26.2280, 12.7800

Deuteranopia

104.1530, -13.2520, 8.8920



Tritanopia

105.1500, 26.3610, 12.3530

Trichromacy



Original Color

106.0360, 18.6550, 30.8710

Protanomaly

104.0430, -9.5860, 19.5500

Deuteranomaly

104.6540, -1.2410, 16.9910

Tritanomaly

105.6970, 23.5630, 19.0110

Monochromacy



Original Color

106.0360, 18.6550, 30.8710

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.9720, 6.3710, 11.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.0360, 18.6550, 30.8710 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(143, 81, 138)` looks like.

```
.text, #text, p{  
    color:rgb(143, 81, 138)  
}
```

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(143, 81, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 81, 138) }
```

Border

The CSS property to change the border of an element to YIQ 106.0360, 18.6550, 30.8710 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(143, 81, 138) }
```


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

```
.border{ border-color:rgb(143, 81, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 81, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 81, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 81, 138); box-shadow:4px 4px 4px 4px rgb(143, 81, 138) }
```

Background

The CSS property to change the background color of an element to YIQ 106.0360, 18.6550, 30.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 81, 138) }
```

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

```
.background{ background-color: rgb(143, 81,  
138) }
```

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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