

Converting Colors

YIQ(136.0360, -16.8760,
19.5080)

Have a look what the booklet for
YIQ(136.0360, -16.8760, 19.5080)
contains.

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Color

**YIQ(136.0360, -16.8760,
19.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	8480BC
RGB	132, 128, 188
RGB Percent	52%, 50%, 74%
CMY	0.4823, 0.4980, 0.2629
CMYK	0.30, 0.32, 0.00, 0.26
HSL	244°, 31%, 62%
HSV	244°, 32%, 74%
XYZ	26.3105, 23.9740, 50.8013
YIQ	136.0360, -16.8760, 19.5080

Conversions

Conversions Part 2

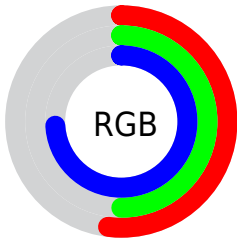
Format	Color
R_{YB}	132, 128, 188
Decimal	8683708
CIE _{Lab}	56.06, 15.25, -30.88
CIE _{LCh}	56, 34.437, 296.287
Yxy	23.9740, 0.2603, 0.2372
Android (android.graphics.Color)	4286873788 (0xFF8480BC)
YUV	136.0360, 25.6183, -3.5396
Hunter-Lab	48.9633, 10.2317, -27.2414

Details

The YIQ color $136.0360, -16.8760, 19.5080$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $179.9640, 16.8760, -19.5080$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.6770, -17.2430, 20.6530$, and $85.5690, -17.0590, 17.3170$ is the 20% darker color. If you saturate the color by 10%, you get $119.5010, -22.3790, 25.6290$, and if you desaturate by 10%, it is $152.5710, -11.3730, 13.3870$.

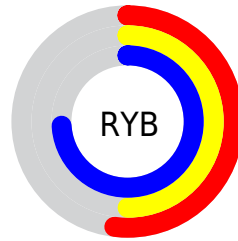
Distribution



Red (52%)

Green (50%)

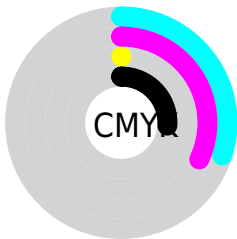
Blue (74%)



Red (52%)

Yellow (50%)

Blue (74%)

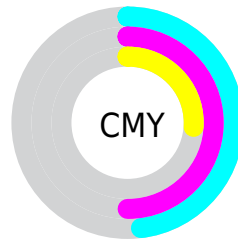


Cyan (30%)

Magenta (32%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (50%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.0360, -16.8760, 19.5080 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 136.0360, -16.8760, 19.5080 by changing the saturation by 10% instead.

■ 136.0360,
-16.8760, 19.5080

■ 136.0360,
-16.8760, 19.5080

■ 255.0000, -0.0000,
-0.0000

■ 110.5090,
-16.8300, 18.6740

■ 189.6770,
-17.2430, 20.6530

■ 85.5690, -17.0590,
17.3170

■ 215.4510,
-10.9150, 16.1010

■ 61.7430, -17.6090,
16.2710

■ 240.8460, -2.2020,
6.8700

■ 39.0910, -18.7090,
14.1790

■ 15.7700, -22.2390,
12.0730

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 136.0360,
-16.8760, 19.5080

■ 136.0360,
-16.8760, 19.5080

■ 119.5010,
-22.3790, 25.6290

■ 152.5710,
-11.3730, 13.3870

■ 103.2650,
-27.2860, 31.9620

■ 168.8070, -6.4660,
7.0540

■ 87.3170, -33.0640,
37.5600

■ 184.7550, -0.6880,
1.4560

■ 71.0810, -37.9710,
43.8930

■ 200.9910, 4.2190,
-4.8770

■ 54.5460, -43.4740,
50.0140

■ 217.5260, 9.7220,
-10.9980

■ 38.3100, -48.3810,
56.3470

■ 233.7620, 14.6290,
-17.3310

■ 25.3190, -52.6000,
61.2240

■ 247.3620, 21.5070,
-20.8370

Harmonies

Analogous

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



128.2270, -51.6270, 5.0210



136.0360, -16.8760, 19.5080



138.0630, 14.0250, 26.6730

Triad

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



136.0360, -16.8760, 19.5080



134.6510, 46.3990, 1.6230



116.5100, -55.2430, -28.5790

Complementary

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



136.0360, -16.8760, 19.5080



179.9640, 16.8760, -19.5080

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.



124.8980, -18.2890, -26.4890



136.0360, -16.8760, 19.5080



132.2760, 33.7930, -12.2150

Square

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



136.0360, -16.8760, 19.5080



136.1650, 48.3680, 15.5040



129.7460, 11.5580, -22.2500



106.2900, -92.6100, -28.6900

Rectangle

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



136.0360, -16.8760, 19.5080



137.7460, 31.0350, 26.7710



129.7460, 11.5580, -22.2500



119.8660, -41.6260, -27.5620

Sweetspot

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



136.0360, -16.8760, 19.5080



223.4480, -6.8330, 8.1990



167.7120, -34.6600, -10.6280



109.8950, -3.8980, 4.5660



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



136.0360, -16.8760, 19.5080



164.3960, -26.2770, 30.1950



145.0060, 1.0040, 25.8680



86.3250, -2.2930, 3.0110



21.3010, -44.1620, 51.4700



4.1320, -8.7590, 10.0650

Inverse Universe

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



152.3240, 17.7840, 30.1360



189.7250, 27.5010, 46.7730



170.9940, -1.0040, -25.8680



88.7170, 2.4750, 4.7070



64.1140, 46.6600, 79.5240



12.5750, 9.1670, 15.5910

Previews

White Background



This preview shows how the YIQ color 136.0360, -16.8760, 19.5080 looks on a white background.

Color Contrast Check

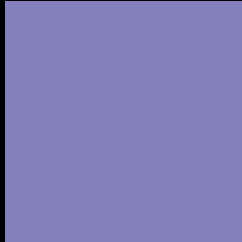
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.0360, -16.8760, 19.5080 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 136.0360, -16.8760, 19.5080

Background



This preview shows how black text looks on a background with the YIQ color 136.0360, -16.8760, 19.5080.



This preview shows how white text looks on a background with the YIQ color 136.0360, -16.8760,

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

136.0360, -16.8760, 19.5080

Protanopia

133.9420, -28.4750, 14.9570

Deuteranopia

134.3720, -26.8700, 13.4020



Tritanopia

133.6660, -10.6830, 0.8770

Trichromacy



Original Color

136.0360, -16.8760, 19.5080

Protanomaly

135.0350, -24.3030, 16.4410

Deuteranomaly

134.6930, -23.3400, 15.5080

Tritanomaly

134.5120, -12.8850, 7.7470

Monochromacy



Original Color

136.0360, -16.8760, 19.5080

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.1060, -5.8700, 7.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.0360, -16.8760, 19.5080 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(132, 128, 188)` looks like.

```
.text, #text, p{  
    color:rgb(132, 128, 188)  
}
```

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(132, 128, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 128, 188) }
```

Border

The CSS property to change the border of an element to YIQ 136.0360, -16.8760, 19.5080 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(132, 128, 188) }
```


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

```
.border{ border-color:rgb(132, 128, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 128, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 128, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 128, 188);  
box-shadow:4px 4px 4px 4px rgb(132, 128,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 136.0360, -16.8760, 19.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 128, 188) }
```

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

```
.background{ background-color: rgb(132,  
128, 188) }
```

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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