

Converting Colors

YIQ(82.6120, -18.6180, 18.0380)

Have a look what the booklet for
YIQ(82.6120, -18.6180, 18.0380)
contains.

YIQ(82.6120, -18.6180, 18.0380)	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(82.6120, -18.6180,
18.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4C86
RGB	76, 76, 134
RGB Percent	30%, 30%, 53%
CMY	0.7019, 0.7020, 0.4746
CMYK	0.43, 0.43, 0.00, 0.47
HSL	240°, 28%, 41%
HSV	240°, 43%, 53%
XYZ	9.8666, 8.4262, 23.6496
YIQ	82.6120, -18.6180, 18.0380

Conversions

Conversions Part 2

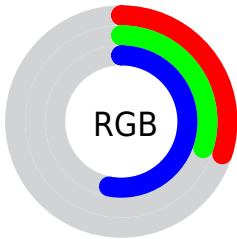
Format	Color
R_{YB}	76, 76, 134
Decimal	5000326
CIE _{Lab}	34.86, 15.79, -32.54
CIE _{LCh}	35, 36.168, 295.878
Yxy	8.4262, 0.2352, 0.2009
Android (android.graphics.Color)	4283190406 (0xFF4C4C86)
YUV	82.6120, 25.3343, -5.7987
Hunter-Lab	29.0279, 9.8738, -27.9852

Details

The YIQ color **82.6120, -18.6180, 18.0380** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **127.3880, 18.6180, -18.0380**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **133.0790, -18.4350, 20.2290**, and **35.8350, -20.8640, 14.6880** is the 20% darker color. If you saturate the color by 10%, you get **71.0940, -22.7910, 22.0810**, and if you desaturate by 10%, it is **94.1300, -14.4450, 13.9950**.

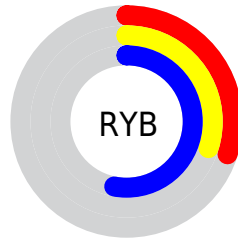
Distribution



Red (30%)

Green (30%)

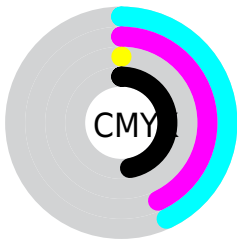
Blue (53%)



Red (30%)

Yellow (30%)

Blue (53%)

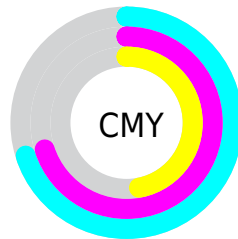


Cyan (43%)

Magenta (43%)

Yellow (0%)

Black (47%)



Cyan (70%)

Magenta (70%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.6120, -18.6180, 18.0380 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 82.6120, -18.6180, 18.0380 by changing the saturation by 10% instead.

■ 82.6120, -18.6180,
18.0380

■ 82.6120, -18.6180,
18.0380

■ 255.0000, -0.0000,
-0.0000

■ 58.6720, -18.8470,
16.6810

■ 133.0790,
-18.4350, 20.2290

■ 35.8350, -20.8640,
14.6880

■ 159.4920,
-18.1600, 20.7520

■ 13.2970, -22.2850,
12.9070

■ 186.1330,
-18.5270, 21.8970

■ 6.0930, -13.0230,
10.2490

■ 212.1950,
-13.0700, 16.6100

■ 2.2970, -5.0900,
4.1420

■ 237.3020, -3.4860,
8.1140

■ 0.0000, 0.0000,
0.0000

■ 82.6120, -18.6180,
18.0380

■ 82.6120, -18.6180,
18.0380

■ 71.0940, -22.7910,
22.0810

■ 94.1300, -14.4450,
13.9950

■ 58.6900, -27.2850,
26.4350

■ 106.5340, -9.9510,
9.6410

■ 47.1720, -31.4580,
30.4780

■ 118.0520, -5.7780,
5.5980

■ 34.7680, -35.9520,
34.8320

■ 130.4560, -1.2840,
1.2440

■ 23.2500, -40.1250,
38.8750

■ 141.9740, 2.8890,
-2.7990

■ 15.2760, -43.0140,
41.6740

■ 153.4920, 7.0620,
-6.8420

■ 165.8960, 11.5560,
-11.1960

■ 177.4140, 15.7290,

-15.2390

■ 189.8180, 20.2230,
-19.5930

Harmonies

Analogous

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



66.3280, -68.2690, -1.7490



82.6120, -18.6180, 18.0380



84.4650, 12.8330, 26.2490

Triad

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



82.6120, -18.6180, 18.0380



80.2700, 43.0980, 0.8740



65.1300, -51.1170, -26.2610

Complementary

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



82.6120, -18.6180, 18.0380



127.3880, 18.6180, -18.0380

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.



70.5280, -20.1230, -26.2910



82.6120, -18.6180, 18.0380



78.8520, 32.0510, -13.6850

Square

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



82.6120, -18.6180, 18.0380



80.8380, 44.9750, 16.4230



76.4470, 10.9620, -22.4620



68.4360, -60.4260, -17.2420

Rectangle

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



82.6120, -18.6180, 18.0380



83.3760, 29.2010, 26.9690



76.4470, 10.9620, -22.4620



63.4030, -47.6320, -28.8480

Sweetspot

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



82.6120, -18.6180, 18.0380



153.5080, -7.0620, 6.8420



116.6580, -34.5680, -12.2960



74.5960, -4.4940, 4.3540



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



82.6120, -18.6180, 18.0380



93.2600, -28.8900, 27.9900



91.2830, -1.3340, 24.1860



60.6840, -1.9260, 1.8660



14.8200, -41.7300, 40.4300



0.3420, -0.9630, 0.9330

Inverse Universe

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



99.9540, 15.9500, 30.3340



120.1700, 24.7500, 47.0700



118.7170, 1.3340, -24.1860



62.4780, 1.6500, 3.1380



53.6900, 35.7500, 67.9900



1.2390, 0.8250, 1.5690

Previews

White Background



This preview shows how the YIQ color 82.6120, -18.6180, 18.0380 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 ✓ Pass

Black Background



This preview shows how the YIQ color 82.6120, -18.6180, 18.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

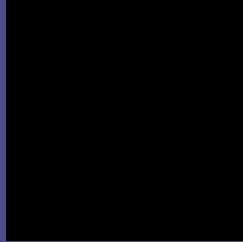
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.6120, -18.6180, 18.0380

Background



This preview shows how black text looks on a background with the YIQ color 82.6120, -18.6180, 18.0380.



This preview shows how white text looks on a background with the YIQ color 82.6120, -18.6180,

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

82.6120, -18.6180, 18.0380

Protanopia

80.0340, -31.7300, 13.3740

Deuteranopia

78.8440, -34.2510, 9.5010



Tritanopia

79.8180, -14.1670, -2.0630

Trichromacy



Original Color

82.6120, -18.6180, 18.0380

Protanomaly

81.4260, -26.9620, 15.0700

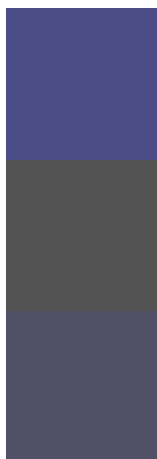
Deuteranomaly

80.3610, -28.3370, 12.4550

Tritanomaly

80.9630, -15.7730, 5.0190

Monochromacy



Original Color

82.6120, -18.6180, 18.0380

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.5080, -7.0620, 6.8420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.6120, -18.6180, 18.0380 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(76, 76, 134)` looks like.

```
.text, #text, p{  
    color:rgb(76, 76, 134)  
}
```

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(76, 76, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 76, 134) }
```

Border

The CSS property to change the border of an element to YIQ 82.6120, -18.6180, 18.0380 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(76, 76, 134) }
```


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

```
.border{ border-color:rgb(76, 76, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 76, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 76, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 76, 134);  
box-shadow:4px 4px 4px 4px rgb(76, 76,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 82.6120, -18.6180, 18.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 76, 134) }
```

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

```
.background{ background-color: rgb(76, 76,  
134) }
```

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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