

Converting Colors

YIQ(158.6880, -23.8030,
40.4290)

Have a look what the booklet for
YIQ(158.6880, -23.8030, 40.4290)
contains.

YIQ(158.6880, -23.8030, 40.4290)	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(158.6880, -23.8030,
40.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	A18BFE
RGB	161, 139, 254
RGB Percent	63%, 55%, 100%
CMY	0.3685, 0.4549, 0.0041
CMYK	0.37, 0.45, 0.00, 0.00
HSL	252°, 98%, 77%
HSV	252°, 45%, 100%
XYZ	41.8175, 33.1958, 97.9300
YIQ	158.6880, -23.8030, 40.4290

Conversions

Conversions Part 2

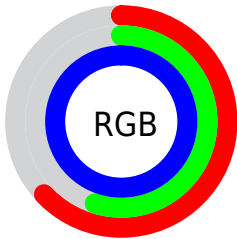
Format	Color
RYB	161, 139, 254
Decimal	10587134
CIELab	64.32, 34.08, -54.57
CIELCh	64, 64.343, 301.986
Yxy	33.1958, 0.2418, 0.1919
Android (android.graphics.Color)	4288777214 (0xFFA18BFE)
YUV	158.6880, 46.9888, 2.0276
Hunter-Lab	57.6158, 28.7278, -60.4447

Details

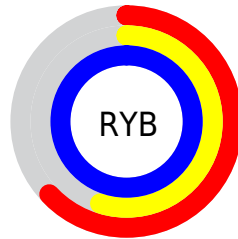
The YIQ color $158.6880, -23.8030, 40.4290$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $234.3120, 23.8030, -40.4290$, and the grayscale version is $158.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $207.8420, -4.4060, 24.7940$, and $106.0960, -25.1320, 36.9800$ is the 20% darker color. If you saturate the color by 10%, you get $138.0330, -28.8480, 49.2640$, and if you desaturate by 10%, it is $179.6420, -18.1620, 31.8060$.

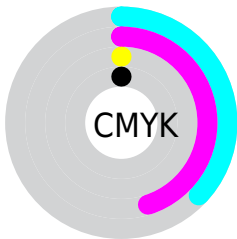
Distribution



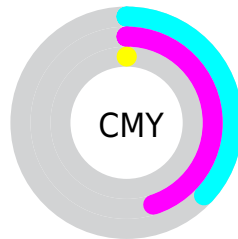
- Red (63%)
- Green (55%)
- Blue (100%)



- Red (63%)
- Yellow (55%)
- Blue (100%)



- Cyan (37%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.6880, -23.8030, 40.4290 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 158.6880, -23.8030, 40.4290 by changing the saturation by 10% instead.

■ 158.6880,
-23.8030, 40.4290

■ 158.6880,
-23.8030, 40.4290

■ 255.0000, -0.0000,
-0.0000

■ 131.7480,
-24.0320, 39.0720

■ 207.8420, -4.4060,
24.7940

■ 106.0960,
-25.1320, 36.9800

■ 233.2480, 5.7740,
16.5100

■ 80.1450, -26.8280,
34.6760

■ 251.4780, 1.6500,
3.1380

■ 54.5960, -29.7160,
31.9480

■ 25.5510, -43.0110,
25.0930

■ 10.2600, -28.8900,
27.9900

■ 7.5240, -21.1860,

20.5260

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 158.6880,
-23.8030, 40.4290

■ 158.6880,
-23.8030, 40.4290

■ 138.0330,
-28.8480, 49.2640

■ 179.6420,
-18.1620, 31.8060

■ 116.4920,
-34.2140, 58.4100

■ 200.8840,
-13.3920, 22.4480

■ 95.5380, -39.8550,
67.0330

■ 221.8380, -7.7510,
13.8250

■ 74.2960, -44.6250,
76.3910

■ 243.0800, -2.9810,
4.4670

■ 53.3420, -50.2660,
85.0140

254.8860, 0.3210,
-0.3110

■ 43.6070, -52.3300,
89.3820

Harmonies

Analogous

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



123.5770, -126.1300, -4.8980



158.6880, -23.8030, 40.4290



159.1440, 36.8070, 54.3350

Triad

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



158.6880, -23.8030, 40.4290



151.7580, 82.3460, -5.5740



125.4330, -101.0430, -46.5710

Complementary

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



158.6880, -23.8030, 40.4290



234.3120, 23.8030, -40.4290

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.



117.2560, -79.2160, -62.1920



158.6880, -23.8030, 40.4290



147.0250, 58.4640, -35.3280

Square

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



158.6880, -23.8030, 40.4290



151.9870, 90.2720, 27.0080



142.1530, 10.8290, -47.5950



131.3440, -119.0650, -28.3210

Rectangle

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



158.6880, -23.8030, 40.4290



155.0580, 66.2880, 54.1920



142.1530, 10.8290, -47.5950



122.5660, -94.3480, -52.2680

Sweetspot

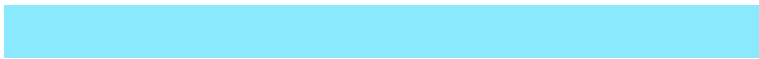
The Sweet Spot groups the original color and five complimentary colors.



158.6880, -23.8030, 40.4290



225.1970, -7.3840, 12.6800



207.2880, -62.7650, -13.3970



109.7040, -4.6780, 7.6900



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



158.6880, -23.8030, 40.4290



140.8050, -28.2060, 48.6420



175.7310, 10.1690, 52.5130



117.0800, -2.9810, 4.4670



32.8370, -39.2590, 67.2450



10.8840, -13.3920, 22.4480

Inverse Universe

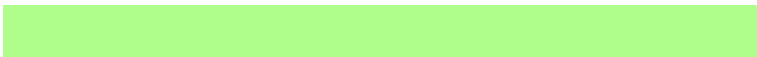
The Inverse Universe completely reimagines the original color for something new.



183.9870, 38.6870, 53.3030



171.0300, 46.2960, 64.0880



217.2690, -10.1690, -52.5130



120.0270, 4.5380, 5.8660



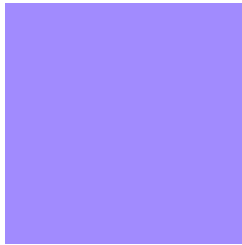
74.7790, 64.0810, 88.6970



25.0640, 21.4520, 29.7400

Previews

White Background



This preview shows how the YIQ color 158.6880, -23.8030, 40.4290 looks on a white background.

Color Contrast Check

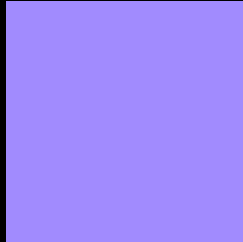
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 158.6880, -23.8030, 40.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

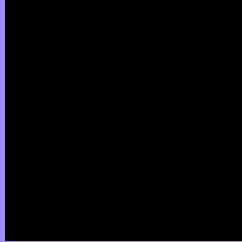
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.6880, -23.8030, 40.4290

Background



This preview shows how black text looks on a background with the YIQ color 158.6880, -23.8030, 40.4290.



This preview shows how white text looks on a background with the YIQ color 158.6880, -23.8030,

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

158.6880, -23.8030, 40.4290

Protanopia

152.9670, -55.9860, 23.4540

Deuteranopia

150.2710, -62.9540, 17.5740



Tritanopia

154.5840, -13.3880, 0.3400

Trichromacy



Original Color

158.6880, -23.8030, 40.4290

Protanomaly

155.1150, -44.4790, 29.6730

Deuteranomaly

153.4410, -48.5130, 25.6870

Tritanomaly

156.1020, -17.2420, 15.1260

Monochromacy



Original Color

158.6880, -23.8030, 40.4290

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.1800, -8.7140, 14.7580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.6880, -23.8030, 40.4290 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(161, 139, 254)` looks like.

```
.text, #text, p{  
    color:rgb(161, 139, 254)  
}
```

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(161, 139, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 139, 254) }
```

Border

The CSS property to change the border of an element to YIQ 158.6880, -23.8030, 40.4290 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(161, 139, 254) }
```


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

```
.border{ border-color:rgb(161, 139, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 139, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 139, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 139, 254);  
box-shadow:4px 4px 4px 4px rgb(161, 139,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 158.6880, -23.8030, 40.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 139, 254) }
```

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

```
.background{ background-color: rgb(161,  
139, 254) }
```

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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