

Converting Colors

YIQ(188.2030, -15.5480,
28.4840)

Have a look what the booklet for
YIQ(188.2030, -15.5480, 28.4840)
contains.

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Color

**YIQ(188.2030, -15.5480,
28.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	BFAEFE
RGB	191, 174, 254
RGB Percent	75%, 68%, 100%
CMY	0.2509, 0.3177, 0.0040
CMYK	0.25, 0.31, 0.00, 0.00
HSL	253°, 97%, 84%
HSV	253°, 31%, 100%
XYZ	54.5107, 48.5025, 100.2283
YIQ	188.2030, -15.5480, 28.4840

Conversions

Conversions Part 2

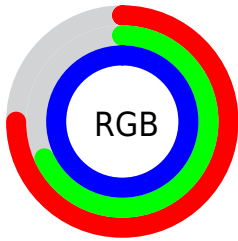
Format	Color
R_{YB}	191, 174, 254
Decimal	12562174
CIE _{Lab}	75.14, 22.57, -37.41
CIE _{LCh}	75, 43.695, 301.099
Yxy	48.5025, 0.2682, 0.2386
Android (android.graphics.Color)	4290752254 (0xFFBFAEFE)
YUV	188.2030, 32.4379, 2.4530
Hunter-Lab	69.6437, 17.8368, -36.5771

Details

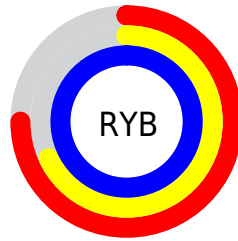
The YIQ color $188.2030, -15.5480, 28.4840$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $239.7970, 15.5480, -28.4840$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.2320, 2.7030, 11.5910$, and $134.7360, -15.7310, 26.2930$ is the 20% darker color. If you saturate the color by 10%, you get $167.5480, -20.5930, 37.3190$, and if you desaturate by 10%, it is $208.8580, -10.5030, 19.6490$.

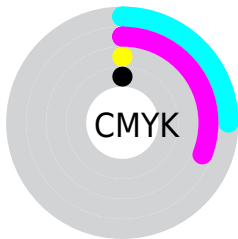
Distribution



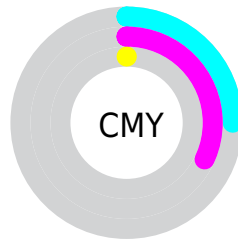
- Red (75%)
- Green (68%)
- Blue (100%)



- Red (75%)
- Yellow (68%)
- Blue (100%)



- Cyan (25%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.2030, -15.5480, 28.4840 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 188.2030, -15.5480, 28.4840 by changing the saturation by 10% instead.

■ 188.2030,
-15.5480, 28.4840

■ 188.2030,
-15.5480, 28.4840

■ 255.0000, -0.0000,
-0.0000

■ 160.6760,
-15.5020, 27.6500

■ 238.2320, 2.7030,
11.5910

■ 134.7360,
-15.7310, 26.2930

■ 108.7960,
-15.9600, 24.9360

■ 83.9700, -16.5100,
23.8900

■ 60.0300, -16.7390,
22.5330

■ 36.7800, -19.0310,
20.0170

■ 11.8610, -23.7530,

17.4870

■ 6.3040, -14.9950,
12.9490

■ 3.2090, -7.6580,
6.6300

■ 188.2030,
-15.5480, 28.4840

■ 188.2030,
-15.5480, 28.4840

■ 167.5480,
-20.5930, 37.3190

■ 208.8580,
-10.5030, 19.6490

■ 146.3060,
-25.3630, 46.6770

■ 230.1000, -5.7330,
10.2910

■ 125.6510,
-30.4080, 55.5120

■ 250.7550, -0.6880,
1.4560

■ 104.4090,
-35.1780, 64.8700

■ 254.8860, 0.3210,
-0.3110

■ 83.7540, -40.2230,
73.7050

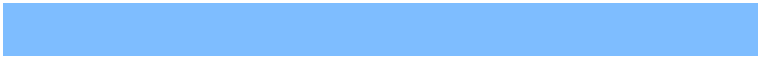
■ 63.0990, -45.2680,
82.5400

■ 45.1020, -49.3500,
90.4420

Harmonies

Analogous

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



177.6870, -58.7340, 7.1700



188.2030, -15.5480, 28.4840



190.4330, 25.0270, 36.5390

Triad

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



188.2030, -15.5480, 28.4840



184.6710, 60.8420, -1.3180



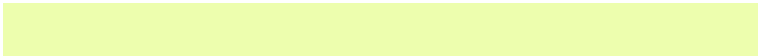
157.8590, -84.4470, -38.9670

Complementary

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



188.2030, -15.5480, 28.4840



239.7970, 15.5480, -28.4840

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.



170.9730, -32.0420, -36.0580



188.2030, -15.5480, 28.4840



181.6540, 41.1760, -19.3680

Square

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



188.2030, -15.5480, 28.4840



185.0480, 61.9390, 17.3550



177.3940, 9.3130, -31.1270



145.9850, -128.6000, -37.2400

Rectangle

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



188.2030, -15.5480, 28.4840



189.3290, 45.7510, 35.4070



177.3940, 9.3130, -31.1270



164.0370, -64.4570, -37.8090

Sweetspot

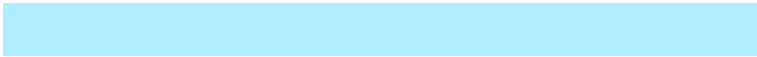
The Sweet Spot groups the original color and five complimentary colors.



188.2030, -15.5480, 28.4840



236.1170, -4.4030, 8.2130



220.6880, -43.2800, -8.5920



115.6070, -3.0270, 5.3010



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.



188.2030, -15.5480, 28.4840



175.3370, -18.6210, 34.6190



199.8640, 7.6960, 36.7520



117.0800, -2.9810, 4.4670



34.0330, -36.8750, 68.0930



11.4820, -12.2000, 22.8720

Inverse Universe

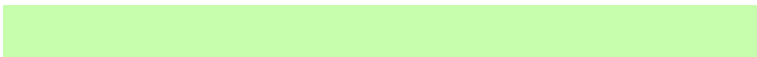
The Inverse Universe completely reimagines the original color for something new.



205.1020, 27.4570, 36.5530



195.6670, 33.4160, 44.2000



228.1360, -7.6960, -36.7520



120.0270, 4.5380, 5.8660



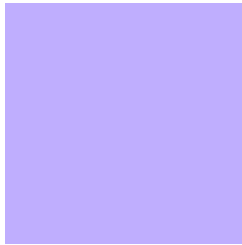
74.3230, 65.3650, 87.4530



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 188.2030, -15.5480, 28.4840 looks on a white background.

Color Contrast Check

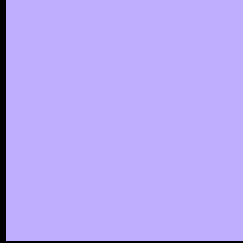
Large Text (above 18pt) WCAG AA × Fail

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 188.2030, -15.5480, 28.4840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

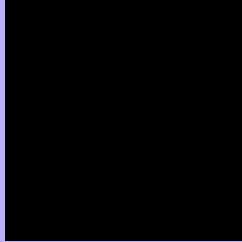
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.2030, -15.5480, 28.4840

Background



This preview shows how black text looks on a background with the YIQ color 188.2030, -15.5480, 28.4840.



This preview shows how white text looks on a background with the YIQ color 188.2030, -15.5480, 28.4840.

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

188.2030, -15.5480, 28.4840

Protanopia

185.2280, -35.0320, 18.1520

Deuteranopia

185.4840, -32.8770, 17.6430



Tritanopia

185.4000, -6.8780, 3.5060

Trichromacy



Original Color

188.2030, -15.5480, 28.4840

Protanomaly

186.4570, -28.2470, 21.8410

Deuteranomaly

186.5280, -27.0090, 21.4310

Tritanomaly

186.5280, -9.8140, 12.6660

Monochromacy



Original Color

188.2030, -15.5480, 28.4840

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1000, -5.7330, 10.2910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.2030, -15.5480, 28.4840 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(191, 174, 254)` looks like.

```
.text, #text, p{  
    color:rgb(191, 174, 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(191, 174, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 174, 254) }
```

Border

The CSS property to change the border of an element to YIQ 188.2030, -15.5480, 28.4840 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(191, 174, 254) }
```


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

```
.border{ border-color:rgb(191, 174, 254) }
```

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

Here you see how a box with a 4 pixel rgb(191, 174, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 174, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 174, 254);  
box-shadow:4px 4px 4px 4px rgb(191, 174,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 188.2030, -15.5480, 28.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 174, 254) }
```

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

```
.background{ background-color: rgb(191,  
174, 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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