

Converting Colors

YIQ(184.5460, -18.2520,
22.4200)

Have a look what the booklet for
YIQ(184.5460, -18.2520, 22.4200)
contains.

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Color

**YIQ(184.5460, -18.2520,
22.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AFF3
RGB	181, 175, 243
RGB Percent	71%, 69%, 95%
CMY	0.2901, 0.3137, 0.0472
CMYK	0.25, 0.28, 0.00, 0.05
HSL	245°, 74%, 82%
HSV	245°, 28%, 95%
XYZ	50.5618, 46.9537, 91.1668
YIQ	184.5460, -18.2520, 22.4200

Conversions

Conversions Part 2

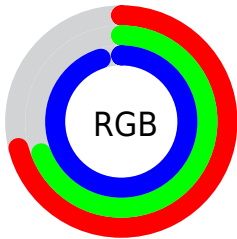
Format	Color
RYB	181, 175, 243
Decimal	11907059
CIELab	74.16, 16.51, -33.06
CIElCh	74, 36.951, 296.543
Yxy	46.9537, 0.2680, 0.2489
Android (android.graphics.Color)	4290097139 (0xFFB5AFF3)
YUV	184.5460, 28.8178, -3.1098
Hunter-Lab	68.5228, 11.7974, -30.9171

Details

The YIQ color $184.5460, -18.2520, 22.4200$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $233.4540, 18.2520, -22.4200$, and the grayscale version is $184.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $235.8290, -3.5320, 8.9480$, and $131.4920, -18.1600, 20.7520$ is the 20% darker color. If you saturate the color by 10%, you get $163.8800, -24.7640, 30.3080$, and if you desaturate by 10%, it is $205.2120, -11.7400, 14.5320$.

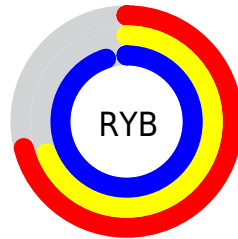
Distribution



Red (71%)

Green (69%)

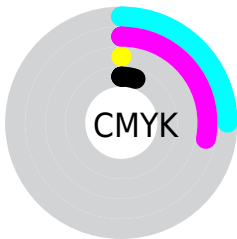
Blue (95%)



Red (71%)

Yellow (69%)

Blue (95%)

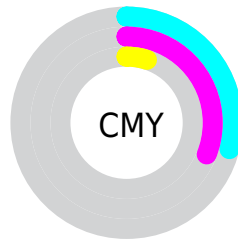


Cyan (25%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.5460, -18.2520, 22.4200 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 184.5460, -18.2520, 22.4200 by changing the saturation by 10% instead.

■ 184.5460,
-18.2520, 22.4200

■ 184.5460,
-18.2520, 22.4200

■ 255.0000, -0.0000,
-0.0000

■ 157.3180,
-17.6100, 21.7980

■ 235.8290, -3.5320,
8.9480

■ 131.4920,
-18.1600, 20.7520

■ 105.8510,
-17.7930, 19.6070

■ 81.0250, -18.3430,
18.5610

■ 57.0850, -18.5720,
17.2040

■ 33.9490, -21.1850,
14.9990

■ 10.8350, -20.8640,

14.6880

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,
3.8310

■ 184.5460,
-18.2520, 22.4200

■ 184.5460,
-18.2520, 22.4200

■ 163.8800,
-24.7640, 30.3080

■ 205.2120,
-11.7400, 14.5320

■ 142.6270,
-31.0010, 38.7190

■ 226.4650, -5.5030,
6.1210

■ 121.9610,
-37.5130, 46.6070

■ 247.1310, 1.0090,
-1.7670

■ 100.9960,
-44.6210, 54.2830

■ 253.6320, 3.8520,
-3.7320

■ 80.3300, -51.1330,
62.1710

■ 59.0770, -57.3700,
70.5820

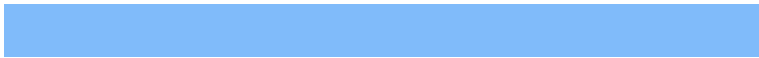
■ 38.4110, -63.8820,
78.4700

■ 34.2800, -64.8910,
80.2370

Harmonies

Analogous

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



176.5410, -55.3870, 7.0850



184.5460, -18.2520, 22.4200



187.1390, 16.8670, 30.2350

Triad

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



184.5460, -18.2520, 22.4200



182.7720, 53.3680, 1.9760



165.0860, -56.9850, -30.0490

Complementary

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



184.5460, -18.2520, 22.4200



233.4540, 18.2520, -22.4200

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.



172.1210, -20.5350, -29.8390



184.5460, -18.2520, 22.4200



180.5600, 38.7450, -13.8550

Square

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



184.5460, -18.2520, 22.4200



184.7530, 55.5200, 18.0480



176.7630, 12.8880, -24.3280



158.4970, -88.7590, -26.8950

Rectangle

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



184.5460, -18.2520, 22.4200



186.8930, 35.1150, 29.9230



176.7630, 12.8880, -24.3280



167.9040, -44.7890, -30.8130

Sweetspot

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



184.5460, -18.2520, 22.4200



237.5790, -5.8240, 6.4320



219.1460, -38.8780, -11.2780



116.7810, -3.5770, 4.2550



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.



184.5460, -18.2520, 22.4200



180.3100, -23.1590, 28.7530



194.7120, 2.0120, 29.6280



111.6670, -3.2560, 3.9440



25.9880, -50.1700, 61.2380



8.2210, -15.9590, 19.4090

Inverse Universe

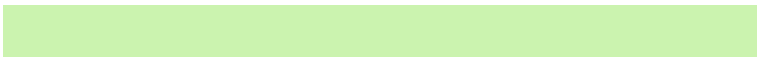
The Inverse Universe completely reimagines the original color for something new.



202.4000, 20.6260, 33.6980



203.0190, 26.4930, 43.0130



223.2880, -2.0120, -29.6280



114.8420, 3.6210, 5.9650



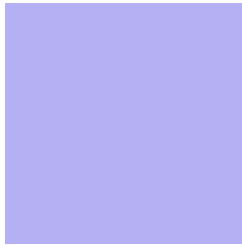
74.9940, 56.2860, 92.3020



23.6830, 18.1510, 28.9910

Previews

White Background



This preview shows how the YIQ color 184.5460, -18.2520, 22.4200 looks on a white background.

Color Contrast Check

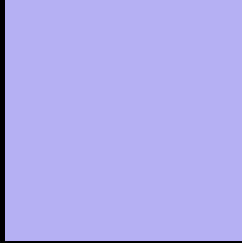
Large Text (above 18pt) WCAG AA × Fail

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 184.5460, -18.2520, 22.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

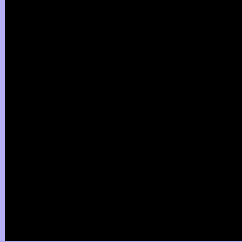
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.5460, -18.2520, 22.4200

Background



This preview shows how black text looks on a background with the YIQ color 184.5460, -18.2520, 22.4200.



This preview shows how white text looks on a background with the YIQ color 184.5460, -18.2520,

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

184.5460, -18.2520, 22.4200

Protanopia

182.5550, -31.6390, 17.2330

Deuteranopia

182.5940, -27.3750, 17.0490



Tritanopia

182.0080, -11.6460, 1.8100

Trichromacy



Original Color

184.5460, -18.2520, 22.4200

Protanomaly

183.3600, -26.5960, 19.4520

Deuteranomaly

183.5020, -24.1200, 18.6320

Tritanomaly

182.9680, -14.1690, 8.9910

Monochromacy



Original Color

184.5460, -18.2520, 22.4200

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.7470, -6.2370, 8.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.5460, -18.2520, 22.4200 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(181, 175, 243)` looks like.

```
.text, #text, p{  
    color:rgb(181, 175, 243)  
}
```

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(181, 175, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 175, 243) }
```

Border

The CSS property to change the border of an element to YIQ 184.5460, -18.2520, 22.4200 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(181, 175, 243) }
```


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

```
.border{ border-color:rgb(181, 175, 243) }
```

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

Here you see how a box with a 4 pixel rgb(181, 175, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 175, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 175, 243);  
box-shadow:4px 4px 4px 4px rgb(181, 175,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 184.5460, -18.2520, 22.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 175, 243) }
```

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

```
.background{ background-color: rgb(181,  
175, 243) }
```

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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