

Converting Colors

YIQ(191.2520, -17.2440,
26.1800)

Have a look what the booklet for
YIQ(191.2520, -17.2440, 26.1800)
contains.

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Color

**YIQ(191.2520, -17.2440,
26.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB3FF
RGB	191, 179, 255
RGB Percent	75%, 70%, 100%
CMY	0.2509, 0.2980, 0.0001
CMYK	0.25, 0.30, 0.00, 0.00
HSL	249°, 100%, 85%
HSV	249°, 30%, 100%
XYZ	55.6546, 50.5350, 101.4013
YIQ	191.2520, -17.2440, 26.1800

Conversions

Conversions Part 2

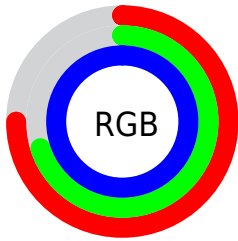
Format	Color
R_{YB}	191, 179, 255
Decimal	12563455
CIE _{Lab}	76.40, 20.04, -36.01
CIE _{LCh}	76, 41.208, 299.102
Yxy	50.5350, 0.2681, 0.2434
Android (android.graphics.Color)	4290753535 (0xFFBFB3FF)
YUV	191.2520, 31.4278, -0.2210
Hunter-Lab	71.0880, 15.3432, -34.8108

Details

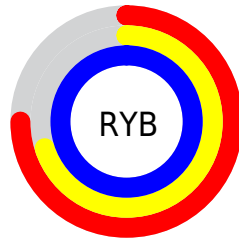
The YIQ color $191.2520, -17.2440, 26.1800$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $242.7480, 17.2440, -26.1800$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.1670, 1.3280, 8.9760$, and $137.1980, -17.1520, 24.5120$ is the 20% darker color. If you saturate the color by 10%, you get $170.2980, -22.8850, 34.8030$, and if you desaturate by 10%, it is $212.2060, -11.6030, 17.5570$.

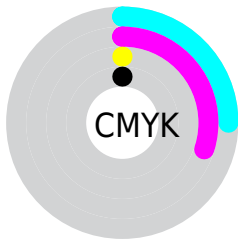
Distribution



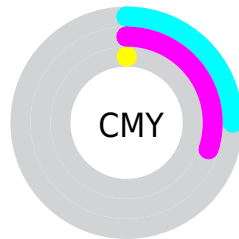
- Red (75%)
- Green (70%)
- Blue (100%)



- Red (75%)
- Yellow (70%)
- Blue (100%)



- Cyan (25%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.2520, -17.2440, 26.1800 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 191.2520, -17.2440, 26.1800 by changing the saturation by 10% instead.

■ 191.2520,
-17.2440, 26.1800

■ 191.2520,
-17.2440, 26.1800

■ 255.0000, -0.0000,
-0.0000

■ 163.7250,
-17.1980, 25.3460

■ 241.1670, 1.3280,
8.9760

■ 137.1980,
-17.1520, 24.5120

■ 111.5570,
-16.7850, 23.3670

■ 86.7310, -17.3350,
22.3210

■ 62.4920, -18.1600,
20.7520

■ 39.5410, -19.8560,
18.4480

■ 15.4970, -25.7240,

14.6600

■ 5.2440, -14.7660,
14.3060

■ 3.3230, -7.9790,
6.9410

■ 191.2520,
-17.2440, 26.1800

■ 191.2520,
-17.2440, 26.1800

■ 170.2980,
-22.8850, 34.8030

■ 212.2060,
-11.6030, 17.5570

■ 148.4580,
-28.8470, 43.7370

■ 234.0460, -5.6410,
8.6230

■ 127.5040,
-34.4880, 52.3600

255.0000, -0.0000,
-0.0000

■ 105.6640,
-40.4500, 61.2940

■ 84.7100, -46.0910,
69.9170

■ 62.8700, -52.0530,
78.8510

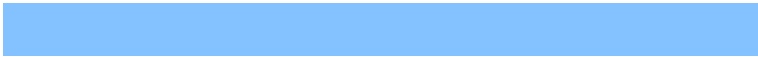
■ 41.9160, -57.6940,
87.4740

■ 41.0300, -58.0150,
87.7850

Harmonies

Analogous

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



181.5300, -56.8540, 6.1380



191.2520, -17.2440, 26.1800



193.6990, 21.2220, 33.9100

Triad

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



191.2520, -17.2440, 26.1800



188.3550, 58.9160, 0.5480



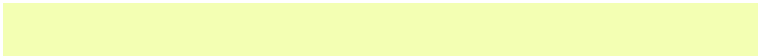
166.9100, -71.2890, -35.1370

Complementary

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



191.2520, -17.2440, 26.1800



242.7480, 17.2440, -26.1800

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.



176.0770, -26.4030, -33.6270



191.2520, -17.2440, 26.1800



185.9360, 40.4420, -17.0780

Square

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



191.2520, -17.2440, 26.1800



188.7810, 58.3170, 16.9170



181.6440, 11.6050, -28.6110



150.6220, -123.1440, -37.0000

Rectangle

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



191.2520, -17.2440, 26.1800



193.1220, 41.9000, 33.6120



181.6440, 11.6050, -28.6110



170.5220, -55.5170, -34.6290

Sweetspot

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



191.2520, -17.2440, 26.1800



235.8180, -4.9990, 8.0010



225.8190, -42.2710, -10.3590



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.



191.2520, -17.2440, 26.1800



177.9730, -20.5920, 31.7920



202.3150, 4.8080, 34.0240



117.0800, -2.9810, 4.4670



30.7440, -43.4310, 65.7610



10.2860, -14.5840, 22.0240

Inverse Universe

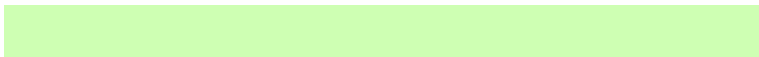
The Inverse Universe completely reimagines the original color for something new.



209.0200, 24.7520, 36.0160



199.2860, 30.1150, 43.4510



231.6850, -4.8080, -34.0240



120.0270, 4.5380, 5.8660



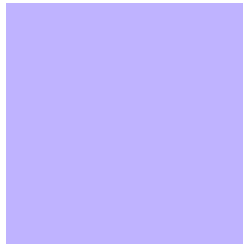
75.4630, 62.1550, 90.5630



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 191.2520, -17.2440, 26.1800 looks on a white background.

Color Contrast Check

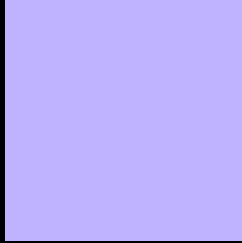
Large Text (above 18pt) WCAG AA × Fail

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 191.2520, -17.2440, 26.1800 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 191.2520, -17.2440, 26.1800

Background



This preview shows how black text looks on a background with the YIQ color 191.2520, -17.2440, 26.1800.



This preview shows how white text looks on a background with the YIQ color 191.2520, -17.2440,

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

191.2520, -17.2440, 26.1800

Protanopia

188.4840, -32.8770, 17.6430

Deuteranopia

188.9680, -31.3640, 17.7560



Tritanopia

188.3180, -9.5830, 2.9690

Trichromacy



Original Color

191.2520, -17.2440, 26.1800

Protanomaly

189.1150, -27.2840, 20.9080

Deuteranomaly

189.5990, -25.7710, 21.0210

Tritanomaly

189.3320, -12.1980, 11.8180

Monochromacy



Original Color

191.2520, -17.2440, 26.1800

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.2740, -6.2830, 9.2450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.2520, -17.2440, 26.1800 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, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 179, 255)  
}
```

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, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 179, 255) }
```

Border

The CSS property to change the border of an element to YIQ 191.2520, -17.2440, 26.1800 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, 179, 255) }
```


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

```
.border{ border-color:rgb(191, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 179,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 191.2520, -17.2440, 26.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 179, 255) }
```

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

```
.background{ background-color: rgb(191,  
179, 255) }
```

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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