

Converting Colors

YIQ(188.2580, -26.5490,
13.0910)

Have a look what the booklet for
YIQ(188.2580, -26.5490, 13.0910)
contains.

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Color

**YIQ(188.2580, -26.5490,
13.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBBF0
RGB	171, 187, 240
RGB Percent	67%, 73%, 94%
CMY	0.3294, 0.2666, 0.0590
CMYK	0.29, 0.22, 0.00, 0.06
HSL	226°, 70%, 81%
HSV	226°, 29%, 94%
XYZ	50.2887, 50.4904, 89.5041
YIQ	188.2580, -26.5490, 13.0910

Conversions

Conversions Part 2

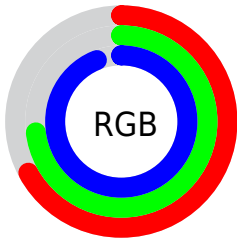
Format	Color
R _Y B	171, 184, 240
Decimal	11254768
CIE Lab	76.37, 6.26, -28.09
CIE LCh	76, 28.783, 282.560
Yxy	50.4904, 0.2643, 0.2653
Android (android.graphics.Color)	4289444848 (0xFFABBBF0)
YUV	188.2580, 25.5088, -15.1353
Hunter-Lab	71.0566, 1.9803, -24.9431

Details

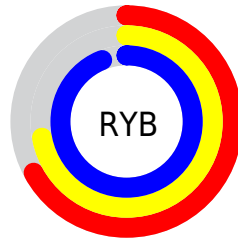
The YIQ color **188.2580, -26.5490, 13.0910** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **222.7420, 26.5490, -13.0910**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.5840, -13.3880, 0.3400**, and **134.6170, -26.1820, 11.9460** is the 20% darker color. If you saturate the color by 10%, you get **170.5160, -35.9030, 17.4170**, and if you desaturate by 10%, it is **206.0000, -17.1950, 8.7650**.

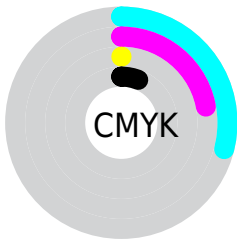
Distribution



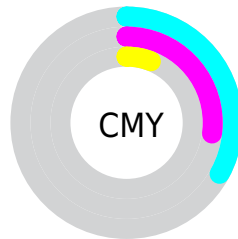
- Red (67%)
- Green (73%)
- Blue (94%)



- Red (67%)
- Yellow (72%)
- Blue (94%)



- Cyan (29%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (33%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.2580, -26.5490, 13.0910 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 188.2580, -26.5490, 13.0910 by changing the saturation by 10% instead.

■ 188.2580,
-26.5490, 13.0910

■ 188.2580,
-26.5490, 13.0910

■ 255.0000, -0.0000,
-0.0000

■ 161.1440,
-26.2280, 12.7800

■ 239.5840,
-13.3880, 0.3400

■ 134.6170,
-26.1820, 11.9460

■ 109.0900,
-26.1360, 11.1120

■ 84.2640, -26.6860,
10.0660

■ 60.3240, -26.9150,
8.7090

■ 35.4050, -31.6370,
6.1790

■ 18.3520, -24.1180,

7.5780

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,
3.4210

■ 188.2580,
-26.5490, 13.0910

■ 188.2580,
-26.5490, 13.0910

■ 170.5160,
-35.9030, 17.4170

■ 206.0000,
-17.1950, 8.7650

■ 152.1870,
-44.9820, 22.2660

■ 224.3290, -8.1160,
3.9160

■ 134.4450,
-54.3360, 26.5920

■ 242.0710, 1.2380,
-0.4100

■ 116.1160,
-63.4150, 31.4410

■ 253.2900, 4.8150,
-4.6650

■ 98.3740, -72.7690,
35.7670

■ 80.0450, -81.8480,
40.6160

■ 62.3030, -91.2020,
44.9420

■ 60.2320, -92.4400,
45.3520

Harmonies

Analogous

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



181.6630, -50.1590, 0.4410



188.2580, -26.5490, 13.0910



192.0720, 0.6380, 21.4860

Triad

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



188.2580, -26.5490, 13.0910



190.2690, 44.8390, 7.8710



178.8460, -29.7060, -23.3220

Complementary

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



188.2580, -26.5490, 13.0910



222.7420, 26.5490, -13.0910

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.



182.8460, -3.3430, -22.0230



188.2580, -26.5490, 13.0910



188.3570, 38.2390, -4.6810

Square

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



188.2580, -26.5490, 13.0910



191.8530, 40.6190, 18.2750



185.6380, 20.9100, -15.5220



175.6340, -52.3560, -20.3240

Rectangle

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



188.2580, -26.5490, 13.0910



193.1080, 18.1520, 23.4640



185.6380, 20.9100, -15.5220



180.2230, -20.5820, -23.4780

Sweetspot

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



188.2580, -26.5490, 13.0910



237.5570, -8.7580, 4.5380



217.5450, -35.9880, -19.6040



117.0580, -5.9150, 2.5730



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.



188.2580, -26.5490, 13.0910



189.6580, -33.4270, 16.5970



184.2480, -11.4210, 25.2750



111.1290, -4.6770, 2.1630



46.2170, -70.8890, 34.7350



14.0150, -21.5510, 10.6170

Inverse Universe

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



193.4550, 35.9880, 19.6040



196.2930, 45.4320, 24.6640



226.7520, 11.4210, -25.2750



111.9300, 6.1890, 3.4770



59.9180, 95.8610, 52.3810



18.2260, 29.2030, 15.9150

Previews

White Background



This preview shows how the YIQ color 188.2580, -26.5490, 13.0910 looks on a white background.

Color Contrast Check

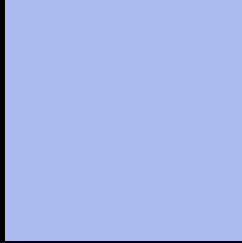
Large Text (above 18pt) WCAG AA × Fail

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 188.2580, -26.5490, 13.0910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

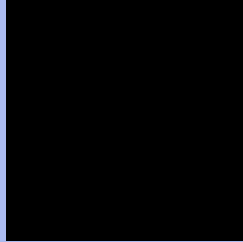
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.2580, -26.5490, 13.0910

Background



This preview shows how black text looks on a background with the YIQ color 188.2580, -26.5490, 13.0910.



This preview shows how white text looks on a background with the YIQ color 188.2580, -26.5490, 13.0910.

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

188.2580, -26.5490, 13.0910

Protanopia

188.7530, -23.5690, 14.1510

Deuteranopia

189.4760, -21.2310, 15.8330



Tritanopia

186.0390, -22.0990, -1.4830

Trichromacy



Original Color

188.2580, -26.5490, 13.0910

Protanomaly

188.4540, -24.1650, 13.9390

Deuteranomaly

189.1660, -23.2940, 14.6740

Tritanomaly

187.1300, -23.6130, 3.9310

Monochromacy



Original Color

188.2580, -26.5490, 13.0910

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.3720, -9.6750, 4.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.2580, -26.5490, 13.0910 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(171, 187, 240)` looks like.

```
.text, #text, p{  
    color:rgb(171, 187, 240)  
}
```

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(171, 187, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 187, 240) }
```

Border

The CSS property to change the border of an element to YIQ 188.2580, -26.5490, 13.0910 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(171, 187, 240) }
```


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

```
.border{ border-color:rgb(171, 187, 240) }
```

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

Here you see how a box with a 4 pixel rgb(171, 187, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 187, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 187, 240);  
box-shadow:4px 4px 4px 4px rgb(171, 187,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 188.2580, -26.5490, 13.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 187, 240) }
```

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

```
.background{ background-color: rgb(171,  
187, 240) }
```

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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