

Converting Colors

YIQ(188.8500, -25.2200,
16.5400)

Have a look what the booklet for
YIQ(188.8500, -25.2200, 16.5400)
contains.

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Color

**YIQ(188.8500, -25.2200,
16.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB9F5
RGB	175, 185, 245
RGB Percent	69%, 73%, 96%
CMY	0.3137, 0.2745, 0.0394
CMYK	0.29, 0.24, 0.00, 0.04
HSL	231°, 78%, 82%
HSV	231°, 29%, 96%
XYZ	51.5056, 50.4044, 93.3707
YIQ	188.8500, -25.2200, 16.5400

Conversions

Conversions Part 2

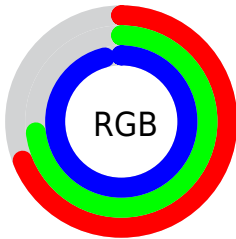
Format	Color
RYB	175, 184, 245
Decimal	11516405
CIELab	76.32, 9.72, -30.84
CIELCh	76, 32.340, 287.493
Yxy	50.4044, 0.2638, 0.2581
Android (android.graphics.Color)	4289706485 (0xFFAFB9F5)
YUV	188.8500, 27.6820, -12.1464
Hunter-Lab	70.9961, 5.2535, -28.2782

Details

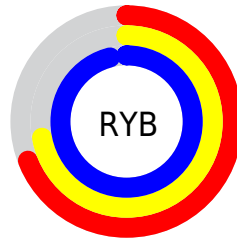
The YIQ color $188.8500, -25.2200, 16.5400$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $231.1500, 25.2200, -16.5400$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.9050, -9.8580, 2.4460$, and $135.2090, -24.8530, 15.3950$ is the 20% darker color. If you saturate the color by 10%, you get $169.3470, -33.7490, 22.4350$, and if you desaturate by 10%, it is $208.6520, -16.0950, 10.8570$.

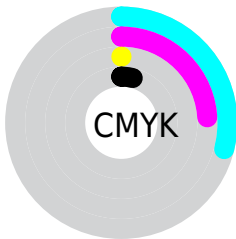
Distribution



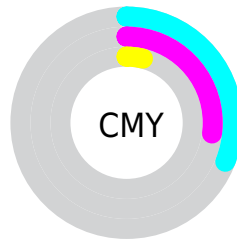
- Red (69%)
- Green (73%)
- Blue (96%)



- Red (69%)
- Yellow (72%)
- Blue (96%)



- Cyan (29%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (31%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8500, -25.2200, 16.5400 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 188.8500, -25.2200, 16.5400 by changing the saturation by 10% instead.

■ 188.8500,
-25.2200, 16.5400

■ 188.8500,
-25.2200, 16.5400

■ 255.0000, -0.0000,
-0.0000

■ 161.6220,
-24.5780, 15.9180

■ 239.9050, -9.8580,
2.4460

■ 135.0950,
-24.5320, 15.0840

■ 109.5680,
-24.4860, 14.2500

■ 84.7420, -25.0360,
13.2040

■ 60.5030, -25.8610,
11.6350

■ 36.7690, -29.6660,
9.0060

■ 17.5200, -24.5310,

9.5570

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,
4.4530

■ 188.8500,
-25.2200, 16.5400

■ 188.8500,
-25.2200, 16.5400

■ 169.3470,
-33.7490, 22.4350

■ 208.6520,
-16.0950, 10.8570

■ 149.5450,
-42.8740, 28.1180

■ 228.1550, -7.5660,
4.9620

■ 130.0420,
-51.4030, 34.0130

■ 247.6580, 0.9630,
-0.9330

■ 110.2400,
-60.5280, 39.6960

■ 253.8600, 3.2100,
-3.1100

■ 90.7370, -69.0570,
45.5910

■ 70.9350, -78.1820,
51.2740

■ 51.4320, -86.7110,
57.1690

■ 48.4750, -88.2700,
57.8900

Harmonies

Analogous

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



181.6780, -54.5150, 2.2930



188.8500, -25.2200, 16.5400



192.8170, 5.9100, 25.0620

Triad

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



188.8500, -25.2200, 16.5400



189.5530, 49.7910, 6.2310



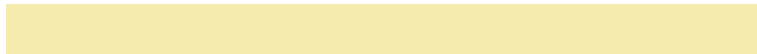
176.3610, -38.6460, -26.5020

Complementary

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



188.8500, -25.2200, 16.5400



231.1500, 25.2200, -16.5400

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.



181.1010, -8.6150, -25.5990



188.8500, -25.2200, 16.5400



187.7330, 39.9360, -7.9040

Square

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



188.8500, -25.2200, 16.5400



191.2020, 46.9460, 19.2500



184.7470, 18.9850, -19.1830



172.4090, -64.9640, -23.1080

Rectangle

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



188.8500, -25.2200, 16.5400



193.0380, 24.3410, 26.9410



184.7470, 18.9850, -19.1830



177.9230, -28.6050, -26.7570

Sweetspot

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



188.8500, -25.2200, 16.5400



236.3830, -8.2080, 5.5840



222.8160, -38.1890, -18.2610



115.8840, -5.3650, 3.6190



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.



188.8500, -25.2200, 16.5400



185.5490, -31.5020, 20.2580



190.1560, -8.1660, 26.8580



112.5420, -4.4020, 2.6860



37.0530, -67.1310, 43.7250



11.4220, -21.1390, 14.1650

Inverse Universe

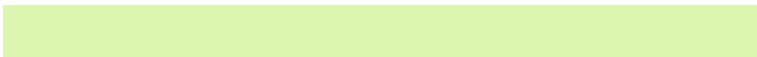
The Inverse Universe completely reimagines the original color for something new.



197.0700, 38.5100, 17.9500



195.4950, 47.6790, 22.4870



229.5450, 7.5700, -27.0700



113.8160, 6.5100, 3.1660



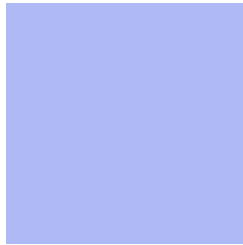
58.6920, 102.1890, 47.8290



18.5530, 32.5960, 14.9960

Previews

White Background



This preview shows how the YIQ color 188.8500, -25.2200, 16.5400 looks on a white background.

Color Contrast Check

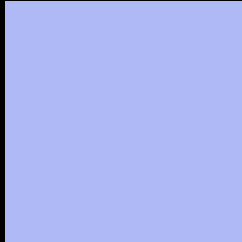
Large Text (above 18pt) WCAG AA × Fail

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 188.8500, -25.2200, 16.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

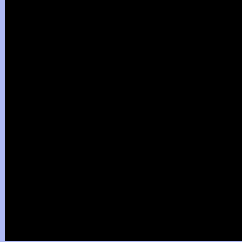
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.8500, -25.2200, 16.5400

Background



This preview shows how black text looks on a background with the YIQ color 188.8500, -25.2200, 16.5400.



This preview shows how white text looks on a background with the YIQ color 188.8500, -25.2200,

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

188.8500, -25.2200, 16.5400

Protanopia

188.6540, -27.6040, 15.6920

Deuteranopia

189.1490, -24.6240, 16.7520



Tritanopia

186.2350, -19.7150, -0.6350

Trichromacy



Original Color

188.8500, -25.2200, 16.5400

Protanomaly

188.9530, -27.0080, 15.9040

Deuteranomaly

189.1490, -24.6240, 16.7520

Tritanomaly

186.9670, -21.5960, 5.9240

Monochromacy



Original Color

188.8500, -25.2200, 16.5400

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.1980, -9.1250, 5.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8500, -25.2200, 16.5400 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(175, 185, 245)` looks like.

```
.text, #text, p{  
    color:rgb(175, 185, 245)  
}
```

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(175, 185, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 185, 245) }
```

Border

The CSS property to change the border of an element to YIQ 188.8500, -25.2200, 16.5400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

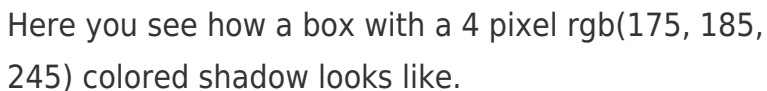
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 185, 245) }
```


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

```
.border{ border-color:rgb(175, 185, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 185, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 185, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 185, 245); box-shadow:4px 4px 4px 4px rgb(175, 185, 245) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8500, -25.2200, 16.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 185, 245) }
```

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

```
.background{ background-color: rgb(175,  
185, 245) }
```

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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