

Converting Colors

YIQ(188.3050, 25.6810,
-30.4070)

Have a look what the booklet for
YIQ(188.3050, 25.6810, -30.4070)
contains.

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Color

**YIQ(188.3050, 25.6810,
-30.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C96C
RGB	194, 201, 108
RGB Percent	76%, 79%, 42%
CMY	0.2393, 0.2117, 0.5763
CMYK	0.03, 0.00, 0.46, 0.21
HSL	65°, 46%, 61%
HSV	65°, 46%, 79%
XYZ	45.8397, 54.3250, 22.2695
YIQ	188.3050, 25.6810, -30.4070

Conversions

Conversions Part 2

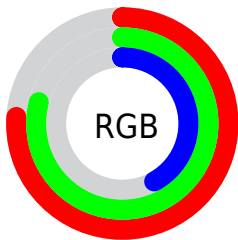
Format	Color
RYB	108, 201, 115
Decimal	12765548
CIELab	78.65, -15.87, 45.35
CIELCh	79, 48.051, 109.287
Yxy	54.3250, 0.3744, 0.4437
Android (android.graphics.Color)	4290955628 (0xFFC2C96C)
YUV	188.3050, -39.5904, 4.9945
Hunter-Lab	73.7055, -17.9701, 33.6799

Details

The YIQ color $188.3050, 25.6810, -30.4070$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $120.6950, -25.6810, 30.4070$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.3870, 28.3860, -29.8700$, and $134.3480, 24.1220, -29.6860$ is the 20% darker color. If you saturate the color by 10%, you get $185.4270, 30.9090, -37.0510$, and if you desaturate by 10%, it is $191.1830, 20.4530, -23.7630$.

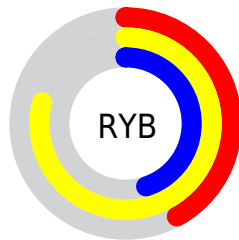
Distribution



Red (76%)

Green (79%)

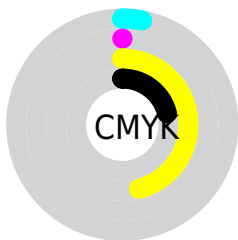
Blue (42%)



Red (42%)

Yellow (79%)

Blue (45%)

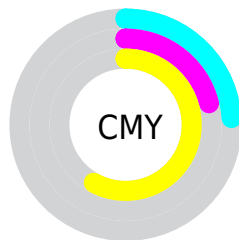


Cyan (3%)

Magenta (0%)

Yellow (46%)

Black (21%)



Cyan (24%)

Magenta (21%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.3050, 25.6810, -30.4070 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 188.3050, 25.6810, -30.4070 by changing the saturation by 10% instead.

188.3050, 25.6810,
-30.4070

188.3050, 25.6810,
-30.4070

255.0000, -0.0000,
-0.0000

161.1200, 24.7640,
-30.3080

243.3870, 28.3860,
-29.8700

134.3480, 24.1220,
-29.6860

247.4760, 21.1860,
-20.5260

108.0490, 23.5260,
-29.8980

250.6680, 12.1980,
-11.8180

82.6530, 24.5810,
-32.4990

253.9740, 2.8890,
-2.7990

61.0900, 16.2810,
-25.2470

40.1140, 7.7060,
-18.5180

19.7030, -4.0780,

-14.2060

■ 0.0000, 0.0000,
0.0000

■ 188.3050, 25.6810,
-30.4070

■ 188.3050, 25.6810,
-30.4070

■ 185.4270, 30.9090,
-37.0510

■ 191.1830, 20.4530,
-23.7630

■ 182.8480, 36.7330,
-43.4830

■ 193.7620, 14.6290,
-17.3310

■ 179.9700, 41.9610,
-50.1270

■ 196.6400, 9.4010,
-10.6870

■ 177.3910, 47.7850,
-56.5590

■ 199.2190, 3.5770,
-4.2550

■ 174.5130, 53.0130,
-63.2030

■ 202.2110, -1.9720,
2.7000

■ 173.6010, 55.5810,
-65.6910

■ 204.7900, -7.7960,
9.1320

■ 207.6680,
-13.0240, 15.7760

■ 208.6510,
-14.3540, 17.8540

■ 209.2490,
-13.1620, 18.2780

Harmonies

Analogous

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



192.1290, 56.0760, -14.0680



188.3050, 25.6810, -30.4070



182.0040, -16.1320, -38.0520

Triad

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



188.3050, 25.6810, -30.4070



154.6880, -140.7050, -32.6170



194.4470, 39.6070, 36.6230

Complementary

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



188.3050, 25.6810, -30.4070



120.6950, -25.6810, 30.4070

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.



200.0710, 11.5470, 38.5470



188.3050, 25.6810, -30.4070



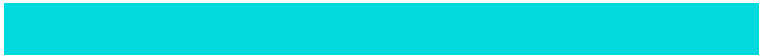
175.1300, -85.5070, -8.7310

Square

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



188.3050, 25.6810, -30.4070



153.3880, -131.5330, -44.6610



192.0390, -30.1260, 17.3460



189.2030, 54.3730, 22.3170

Rectangle

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



188.3050, 25.6810, -30.4070



175.7580, -50.6100, -40.9620



192.0390, -30.1260, 17.3460



197.8040, 34.2880, 39.4080

Sweetspot

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



188.3050, 25.6810, -30.4070



249.9990, 9.7680, -11.8320



139.3290, 53.7780, 16.5780



124.8940, 5.8700, -7.2660



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.



188.3050, 25.6810, -30.4070



235.7510, 38.3840, -45.8720



174.5510, -1.7350, -40.1590



97.9740, 2.8890, -2.7990



140.8300, 45.1710, -53.2370



30.9990, 9.7680, -11.8320

Inverse Universe

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



120.6950, -25.6810, 30.4070



133.9500, -38.9800, 45.6600



134.4490, 1.7350, 40.1590



91.0260, -2.8890, 2.7990



22.1700, -45.1710, 53.2370



5.0010, -9.7680, 11.8320

Previews

White Background



This preview shows how the YIQ color 188.3050, 25.6810, -30.4070 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 188.3050, 25.6810, -30.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

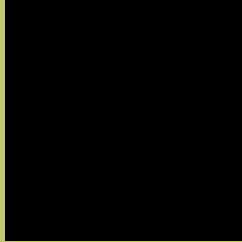
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.3050, 25.6810, -30.4070

Background



This preview shows how black text looks on a background with the YIQ color 188.3050, 25.6810, -30.4070.



This preview shows how white text looks on a background with the YIQ color 188.3050, 25.6810,

-30.4070.

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

188.3050, 25.6810, -30.4070

Protanopia

190.5350, 39.8930, -23.6510

Deuteranopia

192.2260, 54.4250, -11.6790



Tritanopia

196.1950, 4.1250, 7.8450

Trichromacy



Original Color

188.3050, 25.6810, -30.4070

Protanomaly

189.7300, 34.8500, -25.8700

Deuteranomaly

190.8500, 43.5600, -18.5200

Tritanomaly

193.3570, 11.8760, -5.9800

Monochromacy



Original Color

188.3050, 25.6810, -30.4070

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2270, 9.1260, -11.2100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.3050, 25.6810, -30.4070 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(194, 201, 108)` looks like.

```
.text, #text, p{  
    color:rgb(194, 201, 108)  
}
```

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(194, 201, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 201, 108) }
```

Border

The CSS property to change the border of an element to YIQ 188.3050, 25.6810, -30.4070 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(194, 201, 108) }
```


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

```
.border{ border-color:rgb(194, 201, 108) }
```

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

Here you see how a box with a 4 pixel rgb(194, 201, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 201, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 201, 108);  
box-shadow:4px 4px 4px 4px rgb(194, 201,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 188.3050, 25.6810, -30.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 201, 108) }
```

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

```
.background{ background-color: rgb(194,  
201, 108) }
```

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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