

Converting Colors

YIQ(188.8680, 25.9540,
-18.8300)

Have a look what the booklet for
YIQ(188.8680, 25.9540, -18.8300)
contains.

YIQ(188.8680, 25.9540, -18.8300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(188.8680, 25.9540,
-18.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC280
RGB	202, 194, 128
RGB Percent	79%, 76%, 50%
CMY	0.2079, 0.2392, 0.4979
CMYK	0.00, 0.04, 0.37, 0.21
HSL	54°, 41%, 65%
HSV	54°, 37%, 79%
XYZ	47.5455, 52.6973, 28.1013
YIQ	188.8680, 25.9540, -18.8300

Conversions

Conversions Part 2

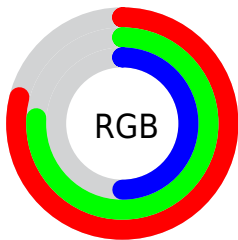
Format	Color
RYB	137, 202, 128
Decimal	13288064
CIELab	77.70, -6.95, 34.21
CIELCh	78, 34.907, 101.485
Yxy	52.6973, 0.3705, 0.4106
Android (android.graphics.Color)	4291478144 (0xFFCAC280)
YUV	188.8680, -30.0079, 11.5168
Hunter-Lab	72.5929, -10.1272, 27.8634

Details

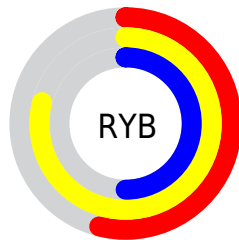
The YIQ color **188.8680, 25.9540, -18.8300** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **141.1320, -25.9540, 18.8300**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.7430, 24.8080, -20.0880**, and **135.6120, 23.7990, -18.3210** is the 20% darker color. If you saturate the color by 10%, you get **185.4140, 32.9240, -24.0040**, and if you desaturate by 10%, it is **192.3220, 18.9840, -13.6560**.

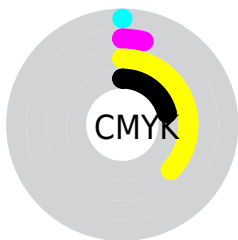
Distribution



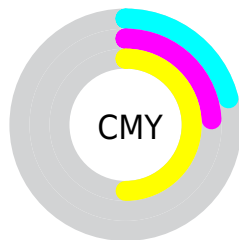
- Red (79%)
- Green (76%)
- Blue (50%)



- Red (54%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8680, 25.9540, -18.8300 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 188.8680, 25.9540, -18.8300 by changing the saturation by 10% instead.

■ 188.8680, 25.9540,
-18.8300

■ 188.8680, 25.9540,
-18.8300

255.0000, -0.0000,
-0.0000

■ 161.6830, 25.0370,
-18.7310

■ 243.7430, 24.8080,
-20.0880

■ 135.6120, 23.7990,
-18.3210

■ 249.7560, 14.7660,
-14.3060

■ 109.5410, 22.5610,
-17.9110

■ 253.0620, 5.4570,
-5.2870

■ 84.9430, 21.3690,
-18.3350

■ 60.5300, 21.0940,
-18.8580

■ 40.1690, 15.0410,
-13.7830

■ 20.9540, 5.6410,

-8.6230

0.0000, 0.0000,
0.0000

188.8680, 25.9540,
-18.8300

188.8680, 25.9540,
-18.8300

185.4140, 32.9240,
-24.0040

192.3220, 18.9840,
-13.6560

181.9600, 39.8940,
-29.1780

195.7760, 12.0140,
-8.4820

177.8050, 47.4600,
-34.1400

199.9310, 4.4480,
-3.5200

174.3510, 54.4300,
-39.3140

203.3850, -2.5220,
1.6540

170.8970, 61.4000,
-44.4880

206.8390, -9.4920,
6.8280

■ 167.4430, 68.3700,
-49.6620

■ 210.2930,
-16.4620, 12.0020

■ 166.0580, 70.8920,
-51.3160

■ 212.1510,
-18.9380, 12.8220

■ 213.3250,
-19.4880, 11.7760

■ 215.0860,
-20.3130, 10.2070

Harmonies

Analogous

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



191.7230, 45.8960, -5.7840



188.8680, 25.9540, -18.8300



185.0970, -2.7920, -26.5040

Triad

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



188.8680, 25.9540, -18.8300



173.6000, -81.3790, -17.4670



196.7290, 29.7050, 28.8490

Complementary

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



188.8680, 25.9540, -18.8300



141.1320, -25.9540, 18.8300

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.



195.9350, -0.2340, 26.2780



188.8680, 25.9540, -18.8300



182.1110, -66.1600, -1.4240

Square

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



188.8680, 25.9540, -18.8300



174.3330, -67.8060, -26.6700



191.4190, -34.2520, 15.0280



195.4950, 47.6790, 22.4870

Rectangle

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



188.8680, 25.9540, -18.8300



181.6090, -24.8450, -28.8210



191.4190, -34.2520, 15.0280



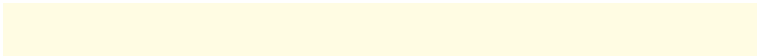
197.2380, 20.9020, 28.6940

Sweetspot

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



188.8680, 25.9540, -18.8300



250.0470, 9.8130, -7.1390



151.1520, 41.2150, 18.4870



124.8880, 6.0070, -4.2410



0.0000, 0.0000, 0.0000



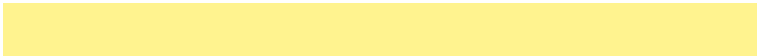
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



188.8680, 25.9540, -18.8300



235.1880, 39.2520, -28.5560



185.1920, 7.0660, -28.9500



100.2730, 3.4850, -2.5870



136.5100, 58.2360, -42.2120



31.3200, 13.2980, -9.7260

Inverse Universe

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



141.1320, -25.9540, 18.8300



162.8120, -39.2520, 28.5560



144.8080, -7.0660, 28.9500



93.7270, -3.4850, 2.5870



29.4900, -58.2360, 42.2120



6.6800, -13.2980, 9.7260

Previews

White Background



This preview shows how the YIQ color 188.8680, 25.9540, -18.8300 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 188.8680, 25.9540, -18.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

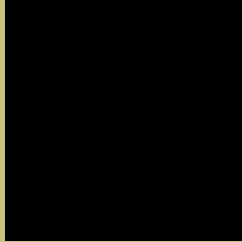
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.8680, 25.9540, -18.8300

Background



This preview shows how black text looks on a background with the YIQ color 188.8680, 25.9540, -18.8300.



This preview shows how white text looks on a background with the YIQ color 188.8680, 25.9540,

-18.8300.

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

188.8680, 25.9540, -18.8300

Protanopia

189.3740, 30.4010, -16.8230

Deuteranopia

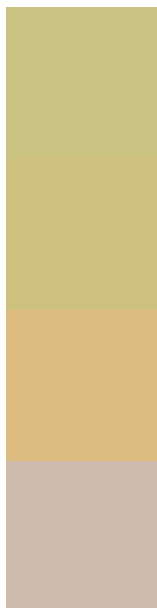
191.5980, 44.7500, -7.0420



Tritanopia

194.1850, 10.0850, 9.9650

Trichromacy



Original Color

188.8680, 25.9540, -18.8300

Protanomaly

189.3630, 28.9340, -17.7700

Deuteranomaly

190.8420, 38.0110, -11.5650

Tritanomaly

192.0850, 15.8180, -0.3260

Monochromacy



Original Color

188.8680, 25.9540, -18.8300

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.1610, 9.4920, -6.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8680, 25.9540, -18.8300 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(202, 194, 128)` looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 128)  
}
```

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(202, 194, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 128) }
```

Border

The CSS property to change the border of an element to YIQ 188.8680, 25.9540, -18.8300 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(202, 194, 128) }
```


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

```
.border{ border-color:rgb(202, 194, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 194, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 128);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8680, 25.9540, -18.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 128) }
```

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

```
.background{ background-color: rgb(202,  
194, 128) }
```

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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