

Converting Colors

YIQ(189.5450, 25.9060, -6.9420)

Have a look what the booklet for
YIQ(189.5450, 25.9060, -6.9420)
contains.

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Color

**YIQ(189.5450, 25.9060,
-6.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BB95
RGB	210, 187, 149
RGB Percent	82%, 73%, 58%
CMY	0.1764, 0.2667, 0.4155
CMYK	0.00, 0.11, 0.29, 0.18
HSL	37°, 40%, 70%
HSV	37°, 29%, 82%
XYZ	49.7764, 51.4103, 35.7476
YIQ	189.5450, 25.9060, -6.9420

Conversions

Conversions Part 2

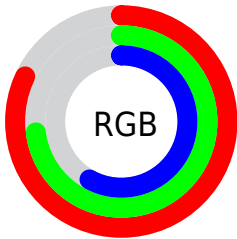
Format	Color
R_{YB}	186, 210, 149
Decimal	13810581
CIE _{Lab}	76.93, 2.48, 22.25
CIE _{LCh}	77, 22.384, 83.645
Yxy	51.4103, 0.3635, 0.3754
Android (android.graphics.Color)	4292000661 (0xFFD2BB95)
YUV	189.5450, -19.9887, 17.9390
Hunter-Lab	71.7010, -1.5582, 20.6308

Details

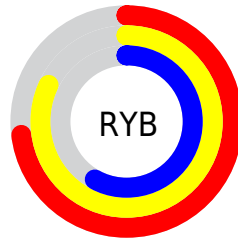
The YIQ color $189.5450, 25.9060, -6.9420$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $169.4550, -25.9060, 6.9420$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.0280, 19.9920, -9.8960$, and $136.1750, 24.0720, -6.7440$ is the 20% darker color. If you saturate the color by 10%, you get $182.4550, 34.8470, -9.2890$, and if you desaturate by 10%, it is $196.6350, 16.9650, -4.5950$.

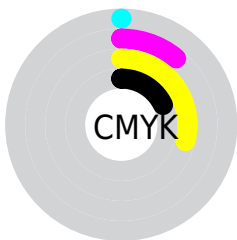
Distribution



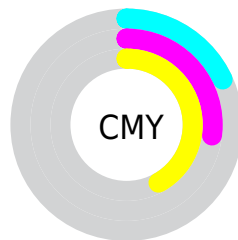
- Red (82%)
- Green (73%)
- Blue (58%)



- Red (73%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.5450, 25.9060, -6.9420 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 189.5450, 25.9060, -6.9420 by changing the saturation by 10% instead.

■ 189.5450, 25.9060,
-6.9420

■ 189.5450, 25.9060,
-6.9420

■ 255.0000, -0.0000,
-0.0000

■ 162.3600, 24.9890,
-6.8430

■ 242.0280, 19.9920,
-9.8960

■ 136.1750, 24.0720,
-6.7440

■ 252.3780, 7.3830,
-7.1530

■ 110.6910, 22.5590,
-6.8570

■ 85.6200, 21.3210,
-6.4470

■ 62.1360, 19.8080,
-6.5600

■ 40.3100, 19.2580,
-7.6060

■ 20.4220, 13.2510,

-3.3650

■ 0.0000, 0.0000,
0.0000

■ 189.5450, 25.9060,
-6.9420

■ 189.5450, 25.9060,
-6.9420

■ 182.4550, 34.8470,
-9.2890

■ 196.6350, 16.9650,
-4.5950

■ 175.3650, 43.7880,
-11.6360

■ 203.7250, 8.0240,
-2.2480

■ 168.2750, 52.7290,
-13.9830

■ 210.8150, -0.9170,
0.0990

■ 161.1850, 61.6700,
-16.3300

■ 217.9050, -9.8580,
2.4460

■ 154.0950, 70.6110,
-18.6770

■ 224.9950,
-18.7990, 4.7930

■ 147.0050, 79.5520,
-21.0240

■ 229.8050,
-21.3200, 0.9200

■ 140.5020, 88.2180,
-23.8940

■ 233.9140,
-23.2450, -2.7410

■ 139.6870, 89.1350,
-23.9930

■ 238.6100,
-25.4450, -6.9250

■ 241.5450,
-26.8200, -9.5400

Harmonies

Analogous

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



191.1320, 34.7990, 2.5990



189.5450, 25.9060, -6.9420



187.4180, 9.9060, -14.3340

Triad

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



189.5450, 25.9060, -6.9420



181.2380, -42.1330, -12.8610



193.2700, 8.7080, 18.4040

Complementary

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



189.5450, 25.9060, -6.9420



169.4550, -25.9060, 6.9420

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.



191.3860, -12.2900, 13.4860



189.5450, 25.9060, -6.9420



183.7960, -43.4640, -5.2560

Square

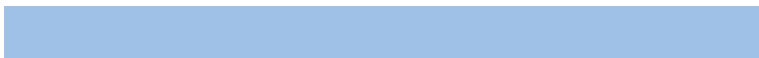
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189.5450, 25.9060, -6.9420



182.7200, -29.1110, -17.5830



187.4650, -31.8660, 4.8220



194.0130, 25.4890, 17.1450

Rectangle

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



189.5450, 25.9060, -6.9420



185.1930, -2.7020, -17.1180



187.4650, -31.8660, 4.8220



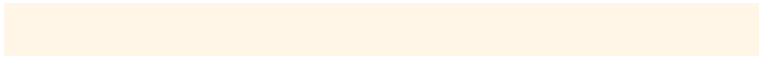
193.2090, 1.5100, 16.6940

Sweetspot

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



189.5450, 25.9060, -6.9420



247.0950, 9.8580, -2.4460



169.8610, 28.9730, 20.0850



122.7680, 6.4650, -1.5270



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.



189.5450, 25.9060, -6.9420



224.8960, 37.9190, -9.8970



200.9530, 15.4090, -20.4550



101.3980, 4.6310, -1.3290



111.8670, 71.2530, -19.2990



26.9340, 17.5610, -4.3830

Inverse Universe

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



169.4550, -25.9060, 6.9420



195.5170, -37.6440, 10.4200



158.0470, -15.4090, 20.4550



97.6020, -4.6310, 1.3290



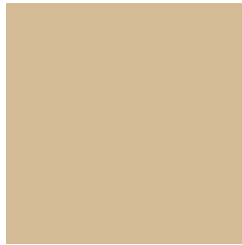
56.7200, -71.5280, 18.7760



13.4790, -17.2860, 4.9060

Previews

White Background



This preview shows how the YIQ color 189.5450, 25.9060, -6.9420 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 189.5450, 25.9060, -6.9420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

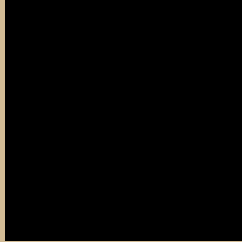
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.5450, 25.9060, -6.9420

Background



This preview shows how black text looks on a background with the YIQ color 189.5450, 25.9060, -6.9420.



This preview shows how white text looks on a background with the YIQ color 189.5450, 25.9060,

-6.9420.

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

189.5450, 25.9060, -6.9420

Protanopia

189.0280, 19.9920, -9.8960

Deuteranopia

190.3120, 34.1120, -1.4720



Tritanopia

192.7620, 15.7700, 11.5620

Trichromacy



Original Color

189.5450, 25.9060, -6.9420

Protanomaly

189.3380, 22.0550, -8.7370

Deuteranomaly

190.2900, 31.1780, -3.3660

Tritanomaly

191.4000, 19.4850, 4.8050

Monochromacy



Original Color

189.5450, 25.9060, -6.9420

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.7960, 9.2620, -2.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.5450, 25.9060, -6.9420 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(210, 187, 149)` looks like.

```
.text, #text, p{  
    color:rgb(210, 187, 149)  
}
```

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(210, 187, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 187, 149) }
```

Border

The CSS property to change the border of an element to YIQ 189.5450, 25.9060, -6.9420 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(210, 187, 149) }
```


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

```
.border{ border-color:rgb(210, 187, 149) }
```

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

Here you see how a box with a 4 pixel rgb(210, 187, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 187, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 187, 149);  
box-shadow:4px 4px 4px 4px rgb(210, 187,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 189.5450, 25.9060, -6.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 187, 149) }
```

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

```
.background{ background-color: rgb(210,  
187, 149) }
```

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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