

Converting Colors

YIQ(188.5960, 29.8960,
-13.1760)

Have a look what the booklet for
YIQ(188.5960, 29.8960, -13.1760)
contains.

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Color

**YIQ(188.5960, 29.8960,
-13.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BD85
RGB	209, 189, 133
RGB Percent	82%, 74%, 52%
CMY	0.1804, 0.2588, 0.4783
CMYK	0.00, 0.10, 0.36, 0.18
HSL	44°, 45%, 67%
HSV	44°, 36%, 82%
XYZ	48.7277, 51.6419, 29.6049
YIQ	188.5960, 29.8960, -13.1760

Conversions

Conversions Part 2

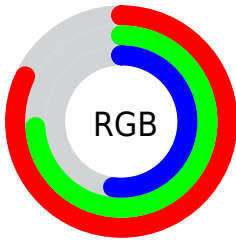
Format	Color
RYB	160, 209, 133
Decimal	13745541
CIELab	77.07, -0.97, 30.89
CIElCh	77, 30.906, 91.805
Yxy	51.6419, 0.3749, 0.3973
Android (android.graphics.Color)	4291935621 (0xFFD1BD85)
YUV	188.5960, -27.4088, 17.8943
Hunter-Lab	71.8623, -4.7235, 25.8781

Details

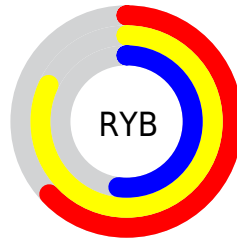
The YIQ color $188.5960, 29.8960, -13.1760$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $153.4040, -29.8960, 13.1760$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.3780, 24.5780, -15.9180$, and $135.0410, 27.1450, -12.8790$ is the 20% darker color. If you saturate the color by 10%, you get $182.6800, 38.2870, -16.5690$, and if you desaturate by 10%, it is $194.5120, 21.5050, -9.7830$.

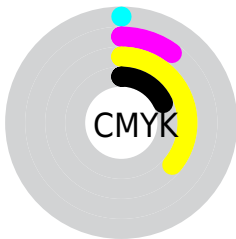
Distribution



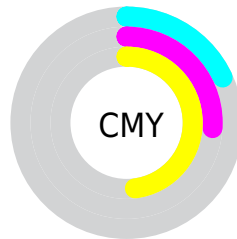
- Red (82%)
- Green (74%)
- Blue (52%)



- Red (63%)
- Yellow (82%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (36%)
- Black (18%)



- Cyan (18%)
- Magenta (26%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.5960, 29.8960, -13.1760 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 188.5960, 29.8960, -13.1760 by changing the saturation by 10% instead.

■ 188.5960, 29.8960,
-13.1760

■ 188.5960, 29.8960,
-13.1760

■ 255.0000, -0.0000,
-0.0000

■ 161.4110, 28.9790,
-13.0770

■ 241.3780, 24.5780,
-15.9180

■ 135.0410, 27.1450,
-12.8790

■ 250.4400, 12.8400,
-12.4400

■ 109.8560, 26.2280,
-12.7800

■ 253.6320, 3.8520,
-3.7320

■ 84.7850, 24.9900,
-12.3700

■ 60.8880, 23.2020,
-13.0060

■ 39.6150, 19.7170,
-10.4190

■ 20.6990, 10.9130,

-5.0470

■ 0.0000, 0.0000,
0.0000

■ 188.5960, 29.8960,
-13.1760

■ 188.5960, 29.8960,
-13.1760

■ 182.6800, 38.2870,
-16.5690

■ 194.5120, 21.5050,
-9.7830

■ 177.3510, 46.4030,
-20.4850

■ 199.8410, 13.3890,
-5.8670

■ 171.4350, 54.7940,
-23.8780

■ 205.7570, 4.9980,
-2.4740

■ 166.1060, 62.9100,
-27.7940

■ 211.0860, -3.1180,
1.4420

■ 160.3040, 70.9800,
-30.8760

■ 217.0020,
-11.5090, 4.8350

■ 154.9750, 79.0960,
-34.7920

■ 221.8750,
-18.3410, 7.5070

■ 152.8890, 82.2140,
-36.2340

■ 225.3970,
-19.9910, 4.3690

■ 228.3320,
-21.3660, 1.7540

■ 231.8540,
-23.0160, -1.3840

Harmonies

Analogous

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



190.8140, 44.3820, -0.3700



188.5960, 29.8960, -13.1760



185.5220, 6.3770, -21.9670

Triad

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



188.5960, 29.8960, -13.1760



175.5000, -66.4780, -17.6940



194.5750, 18.3350, 25.6550

Complementary

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



188.5960, 29.8960, -13.1760



153.4040, -29.8960, 13.1760

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.



192.9830, -9.3570, 20.9070



188.5960, 29.8960, -13.1760



180.0420, -61.7120, -4.9440

Square

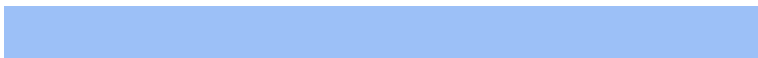
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188.5960, 29.8960, -13.1760



177.0810, -49.4210, -23.9570



187.5060, -39.1110, 9.4730



194.4170, 39.1510, 22.8550

Rectangle

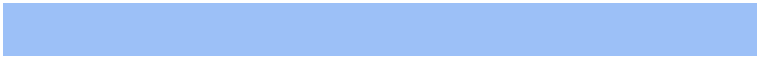
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.5960, 29.8960, -13.1760



182.7740, -12.0080, -24.6800



187.5060, -39.1110, 9.4730



194.5570, 9.5780, 24.6660

Sweetspot

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



188.5960, 29.8960, -13.1760



247.6990, 10.9130, -5.0470



158.0040, 38.8760, 22.3320



123.1270, 6.8320, -2.6720



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.



188.5960, 29.8960, -13.1760



224.6220, 44.2020, -19.1420



194.9540, 13.6680, -27.4520



101.9850, 4.3560, -1.8520



123.0200, 66.0280, -29.2360



29.8690, 16.1860, -6.9980

Inverse Universe

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



153.4040, -29.8960, 13.1760



172.7910, -43.9270, 19.6650



147.0460, -13.6680, 27.4520



97.0150, -4.3560, 1.8520



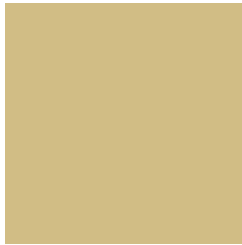
44.9800, -66.0280, 29.2360



11.1310, -16.1860, 6.9980

Previews

White Background



This preview shows how the YIQ color 188.5960, 29.8960, -13.1760 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 188.5960, 29.8960, -13.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

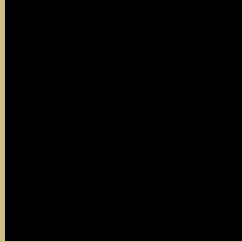
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.5960, 29.8960, -13.1760

Background



This preview shows how black text looks on a background with the YIQ color 188.5960, 29.8960, -13.1760.



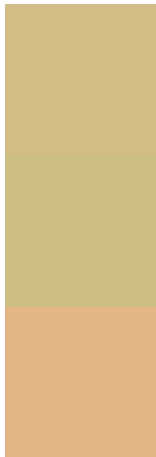
This preview shows how white text looks on a background with the YIQ color 188.5960, 29.8960,

-13.1760.

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

188.5960, 29.8960, -13.1760

Protanopia

188.1010, 26.9160, -14.2360

Deuteranopia

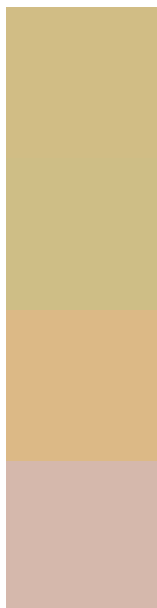
189.6840, 41.6320, -5.6000



Tritanopia

193.0610, 16.3660, 11.7740

Trichromacy



Original Color

188.5960, 29.8960, -13.1760

Protanomaly

188.4000, 27.5120, -14.0240

Deuteranomaly

189.6510, 37.2310, -8.4410

Tritanomaly

191.3030, 21.1360, 2.4160

Monochromacy



Original Color

188.5960, 29.8960, -13.1760

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.8130, 10.5920, -4.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5960, 29.8960, -13.1760 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(209, 189, 133)` looks like.

```
.text, #text, p{  
    color:rgb(209, 189, 133)  
}
```

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(209, 189, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 189, 133) }
```

Border

The CSS property to change the border of an element to YIQ 188.5960, 29.8960, -13.1760 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(209, 189, 133) }
```


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

```
.border{ border-color:rgb(209, 189, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 189, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 189, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 189, 133);  
box-shadow:4px 4px 4px 4px rgb(209, 189,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5960, 29.8960, -13.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 189, 133) }
```

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

```
.background{ background-color: rgb(209,  
189, 133) }
```

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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