

Converting Colors

YIQ(179.6170, 51.7660,
-13.0500)

Have a look what the booklet for
YIQ(179.6170, 51.7660, -13.0500)
contains.

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Color

**YIQ(179.6170, 51.7660,
-13.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAE64
RGB	221, 174, 100
RGB Percent	87%, 68%, 39%
CMY	0.1333, 0.3177, 0.6076
CMYK	0.00, 0.21, 0.55, 0.13
HSL	37°, 64%, 63%
HSV	37°, 55%, 87%
XYZ	47.2596, 46.5606, 18.5698
YIQ	179.6170, 51.7660, -13.0500

Conversions

Conversions Part 2

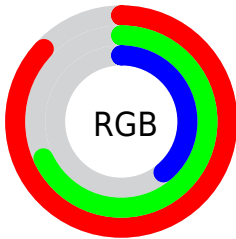
Format	Color
RYB	177, 221, 100
Decimal	14528100
CIELab	73.91, 8.58, 44.10
CIELCh	74, 44.928, 78.990
Yxy	46.5606, 0.4205, 0.4143
Android (android.graphics.Color)	4292718180 (0xFFDDAE64)
YUV	179.6170, -39.2512, 36.2929
Hunter-Lab	68.2353, 4.2168, 31.6293

Details

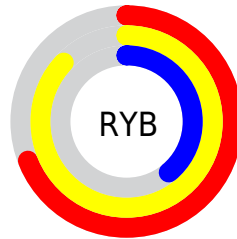
The YIQ color $179.6170, 51.7660, -13.0500$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $141.3830, -51.7660, 13.0500$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.9960, 40.2130, -18.4350$, and $126.0510, 47.5480, -13.7000$ is the 20% darker color. If you saturate the color by 10%, you get $171.8260, 61.3030, -15.1850$, and if you desaturate by 10%, it is $187.4080, 42.2290, -10.9150$.

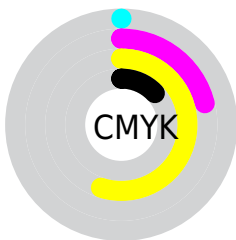
Distribution



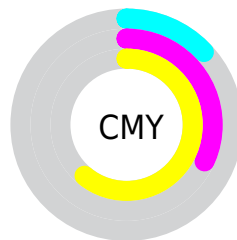
- Red (87%)
- Green (68%)
- Blue (39%)



- Red (69%)
- Yellow (87%)
- Blue (39%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.6170, 51.7660, -13.0500 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 179.6170, 51.7660, -13.0500 by changing the saturation by 10% instead.

■ 179.6170, 51.7660,
-13.0500

■ 179.6170, 51.7660,
-13.0500

255.0000, -0.0000,
-0.0000

■ 152.2470, 49.9320,
-12.8520

■ 227.9960, 40.2130,
-18.4350

■ 126.0510, 47.5480,
-13.7000

■ 246.4500, 24.0750,
-23.3250

■ 100.1540, 45.7600,
-14.3360

■ 249.6420, 15.0870,
-14.6170

■ 74.8440, 43.6970,
-15.4950

■ 252.8340, 6.0990,
-5.9090

■ 54.1560, 34.2510,
-9.5010

■ 34.0550, 24.5300,
-4.0300

■ 13.3780, 16.5510,

2.9110

■ 0.0000, 0.0000,
0.0000

■ 179.6170, 51.7660,
-13.0500

■ 179.6170, 51.7660,
-13.0500

■ 171.8260, 61.3030,
-15.1850

■ 187.4080, 42.2290,
-10.9150

■ 164.6220, 70.5650,
-17.8430

■ 194.6120, 32.9670,
-8.2570

■ 156.8310, 80.1020,
-19.9780

■ 202.4030, 23.4300,
-6.1220

■ 149.6270, 89.3640,
-22.6360

■ 209.6070, 14.1680,
-3.4640

■ 145.3240, 94.5910,
-23.7530

■ 217.5120, 4.3100,
-1.0180

■ 225.3030, -5.2270,
1.1170

■ 232.5070,
-14.4890, 3.7750

■ 237.7900,
-16.9640, -0.9320

■ 242.4860,
-19.1640, -5.1160

Harmonies

Analogous

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



182.1650, 65.5630, 6.7390



179.6170, 51.7660, -13.0500



175.8150, 24.3050, -27.4950

Triad

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



179.6170, 51.7660, -13.0500



142.7590, -122.2720, -41.7920



186.5930, 9.8970, 35.4090

Complementary

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



179.6170, 51.7660, -13.0500



141.3830, -51.7660, 13.0500

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.



181.7060, -33.3820, 21.2900



179.6170, 51.7660, -13.0500



144.5150, -132.7280, -28.5040

Square

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



179.6170, 51.7660, -13.0500



159.5100, -64.4110, -38.6430



165.7160, -84.0410, -2.2570



185.7850, 44.4670, 36.6510

Rectangle

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



179.6170, 51.7660, -13.0500



172.2510, -0.5900, -33.3740



165.7160, -84.0410, -2.2570



185.8840, -4.2240, 32.5120

Sweetspot

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



179.6170, 51.7660, -13.0500



240.9340, 17.5610, -4.3830



141.6510, 56.7080, 40.5800



119.2800, 10.7750, -2.5450



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.



179.6170, 51.7660, -13.0500



197.6930, 71.8030, -18.2530



203.6180, 31.6890, -40.1750



105.8110, 4.9060, -0.8060



113.9490, 73.9580, -18.7620



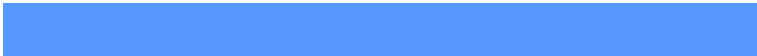
30.1900, 19.7160, -4.8920

Inverse Universe

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



141.3830, -51.7660, 13.0500



144.3070, -71.8030, 18.2530



117.3820, -31.6890, 40.1750



102.6020, -4.6310, 1.3290



59.0510, -73.9580, 18.7620



15.8100, -19.7160, 4.8920

Previews

White Background



This preview shows how the YIQ color 179.6170, 51.7660, -13.0500 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 179.6170, 51.7660, -13.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

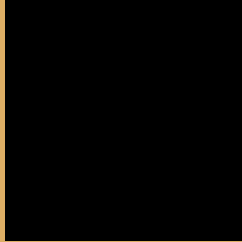
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.6170, 51.7660, -13.0500

Background



This preview shows how black text looks on a background with the YIQ color 179.6170, 51.7660, -13.0500.



This preview shows how white text looks on a background with the YIQ color 179.6170, 51.7660,

-13.0500.

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

179.6170, 51.7660, -13.0500

Protanopia

178.3760, 36.0870, -20.7530

Deuteranopia

179.3290, 52.6370, -12.3150



Tritanopia

185.3190, 33.3750, 17.3990

Trichromacy



Original Color

179.6170, 51.7660, -13.0500

Protanomaly

178.8930, 42.0010, -17.7990

Deuteranomaly

179.3290, 52.6370, -12.3150

Tritanomaly

182.9910, 39.7500, 6.4860

Monochromacy



Original Color

179.6170, 51.7660, -13.0500

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0050, 18.7990, -4.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.6170, 51.7660, -13.0500 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(221, 174, 100)` looks like.

```
.text, #text, p{  
    color:rgb(221, 174, 100)  
}
```

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(221, 174, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 174, 100) }
```

Border

The CSS property to change the border of an element to YIQ 179.6170, 51.7660, -13.0500 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(221, 174, 100) }
```


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

```
.border{ border-color:rgb(221, 174, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 174, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 174, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 174, 100);  
box-shadow:4px 4px 4px 4px rgb(221, 174,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 179.6170, 51.7660, -13.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 174, 100) }
```

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

```
.background{ background-color: rgb(221,  
174, 100) }
```

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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