

Converting Colors

YIQ(170.6590, 51.9480, -5.3320)

Have a look what the booklet for
YIQ(170.6590, 51.9480, -5.3320)
contains.

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Color

**YIQ(170.6590, 51.9480,
-5.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A068
RGB	217, 160, 104
RGB Percent	85%, 63%, 41%
CMY	0.1489, 0.3726, 0.5919
CMYK	0.00, 0.26, 0.52, 0.15
HSL	30°, 60%, 63%
HSV	30°, 52%, 85%
XYZ	43.6915, 40.8897, 18.7034
YIQ	170.6590, 51.9480, -5.3320

Conversions

Conversions Part 2

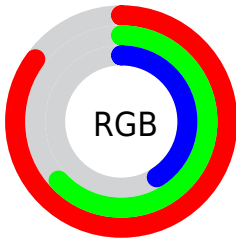
Format	Color
RYB	217, 215, 104
Decimal	14262376
CIELab	70.10, 14.77, 37.27
CIElCh	70, 40.088, 68.382
Yxy	40.8897, 0.4230, 0.3959
Android (android.graphics.Color)	4292452456 (0xFFD9A068)
YUV	170.6590, -32.8629, 40.6411
Hunter-Lab	63.9450, 10.0592, 27.4197

Details

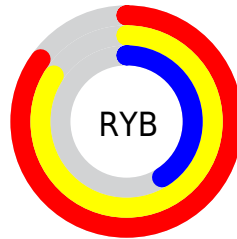
The YIQ color **170.6590, 51.9480, -5.3320** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **150.3410, -51.9480, 5.3320**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.2340, 42.7790, -9.8690**, and **117.2070, 47.4090, -5.6710** is the 20% darker color. If you saturate the color by 10%, you get **161.6940, 62.0350, -6.4210**, and if you desaturate by 10%, it is **179.6240, 41.8610, -4.2430**.

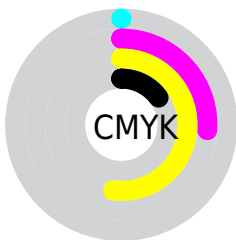
Distribution



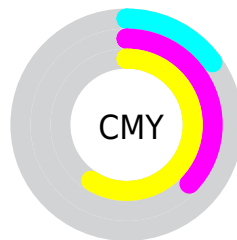
- Red (85%)
- Green (63%)
- Blue (41%)



- Red (85%)
- Yellow (84%)
- Blue (41%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (15%)





- Cyan (15%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.6590, 51.9480, -5.3320 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 170.6590, 51.9480, -5.3320 by changing the saturation by 10% instead.


 170.6590, 51.9480,
-5.3320


 170.6590, 51.9480,
-5.3320


255.0000, -0.0000,
-0.0000


 143.8760, 49.8390,
-5.6570


 220.2340, 42.7790,
-9.8690


 117.2070, 47.4090,
-5.6710


 239.7480, 26.4120,
-16.1160


 92.1250, 44.7040,
-6.2080

 249.9840, 14.1240,
-13.6840

 67.7010, 42.9620,
-7.6780

 253.2900, 4.8150,
-4.6650

 46.2150, 35.7630,
-3.8610

 25.8150, 25.4460,
1.3980

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 170.6590, 51.9480,
-5.3320

■ 170.6590, 51.9480,
-5.3320

■ 161.6940, 62.0350,
-6.4210

■ 179.6240, 41.8610,
-4.2430

■ 152.8430, 71.8010,
-7.1990

■ 188.4750, 32.0950,
-3.4650

■ 143.8780, 81.8880,
-8.2880

■ 197.4400, 22.0080,
-2.3760

■ 134.9130, 91.9750,
-9.3770

■ 206.4050, 11.9210,
-1.2870

■ 127.6920, 99.9070,
-9.9570

■ 215.3700, 1.8340,
-0.1980

■ 224.2210, -7.9320,
0.5800

■ 233.0720,
-17.6980, 1.3580

■ 239.5290,
-20.7230, -4.3950

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



172.3310, 59.4640, 12.6480



170.6590, 51.9480, -5.3320



168.0380, 31.2270, -20.7810

Triad

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



170.6590, 51.9480, -5.3320



144.1130, -87.9780, -35.5460



175.3630, -4.3150, 28.6530

Complementary

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



170.6590, 51.9480, -5.3320



150.3410, -51.9480, 5.3320

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.



168.7320, -45.4390, 14.0250



170.6590, 51.9480, -5.3320



135.4530, -120.9900, -31.9820

Square

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



170.6590, 51.9480, -5.3320



157.1450, -38.2780, -33.1740



153.1020, -88.3040, -7.6000



176.2500, 29.7960, 32.7080

Rectangle

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



170.6590, 51.9480, -5.3320



165.2850, 11.2380, -27.4660



153.1020, -88.3040, -7.6000



173.8990, -17.7480, 24.3000

Sweetspot

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



170.6590, 51.9480, -5.3320



237.9990, 18.9360, -1.7680



144.3990, 48.7300, 41.9940



117.5190, 11.6000, -0.9760



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.



170.6590, 51.9480, -5.3320



190.0280, 72.7180, -7.2980



202.9440, 36.8230, -34.0970



105.2240, 5.1810, -0.2830



102.2090, 79.4580, -8.3020



27.2550, 21.0910, -2.2770

Inverse Universe

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



150.3410, -51.9480, 5.3320



161.9720, -72.7180, 7.2980



118.0560, -36.8230, 34.0970



103.1890, -4.9060, 0.8060



71.3780, -79.7330, 7.7790



18.7450, -21.0910, 2.2770

Previews

White Background



This preview shows how the YIQ color 170.6590, 51.9480, -5.3320 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 170.6590, 51.9480, -5.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

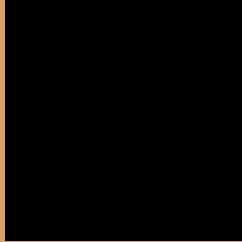
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.6590, 51.9480, -5.3320

Background



This preview shows how black text looks on a background with the YIQ color 170.6590, 51.9480, -5.3320.



This preview shows how white text looks on a background with the YIQ color 170.6590, 51.9480,

-5.3320.

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

170.6590, 51.9480, -5.3320

Protanopia

169.3030, 29.1630, -16.4130

Deuteranopia

170.2020, 45.8050, -9.6430



Tritanopia

174.8850, 37.5930, 18.0490

Trichromacy



Original Color

170.6590, 51.9480, -5.3320

Protanomaly

170.0160, 37.4610, -12.6110

Deuteranomaly

170.5120, 47.8680, -8.4840

Tritanomaly

173.5400, 42.6380, 9.2140

Monochromacy



Original Color

170.6590, 51.9480, -5.3320

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.9990, 18.9360, -1.7680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.6590, 51.9480, -5.3320 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(217, 160, 104)` looks like.

```
.text, #text, p{  
    color:rgb(217, 160, 104)  
}
```

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(217, 160, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 160, 104) }
```

Border

The CSS property to change the border of an element to YIQ 170.6590, 51.9480, -5.3320 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(217, 160, 104) }
```


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

```
.border{ border-color:rgb(217, 160, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 160, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 160, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 160, 104);  
box-shadow:4px 4px 4px 4px rgb(217, 160,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 170.6590, 51.9480, -5.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 160, 104) }
```

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

```
.background{ background-color: rgb(217,  
160, 104) }
```

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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