

Converting Colors

YIQ(163.0610, 50.7560, -5.7560)

Have a look what the booklet for
YIQ(163.0610, 50.7560, -5.7560)
contains.

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Color

**YIQ(163.0610, 50.7560,
-5.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	D09961
RGB	208, 153, 97
RGB Percent	82%, 60%, 38%
CMY	0.1842, 0.4001, 0.6194
CMYK	0.00, 0.26, 0.53, 0.18
HSL	30°, 54%, 60%
HSV	30°, 53%, 82%
XYZ	39.5673, 37.0525, 16.3910
YIQ	163.0610, 50.7560, -5.7560

Conversions

Conversions Part 2

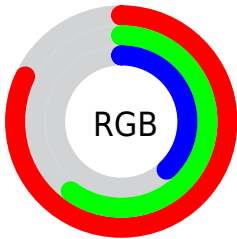
Format	Color
R _Y B	206, 208, 97
Decimal	13670753
CIE Lab	67.32, 14.22, 37.26
CIE LCh	67, 39.876, 69.115
Yxy	37.0525, 0.4254, 0.3984
Android (android.graphics.Color)	4291860833 (0xFFD09961)
YUV	163.0610, -32.5681, 39.4115
Hunter-Lab	60.8708, 9.5049, 26.6443

Details

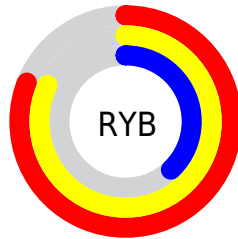
The YIQ color **163.0610, 50.7560, -5.7560** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **141.9390, -50.7560, 5.7560**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.7400, 47.2260, -7.8620**, and **110.6090, 46.2170, -6.0950** is the 20% darker color. If you saturate the color by 10%, you get **154.7970, 60.2470, -7.0570**, and if you desaturate by 10%, it is **171.3250, 41.2650, -4.4550**.

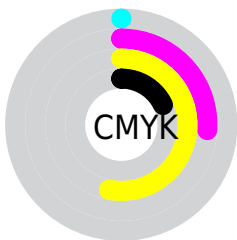
Distribution



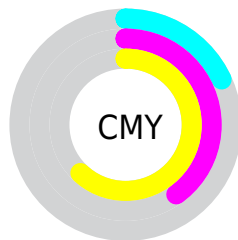
- Red (82%)
- Green (60%)
- Blue (38%)



- Red (81%)
- Yellow (82%)
- Blue (38%)



- Cyan (0%)
- Magenta (26%)
- Yellow (53%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.0610, 50.7560, -5.7560 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 163.0610, 50.7560, -5.7560 by changing the saturation by 10% instead.


 163.0610, 50.7560,
-5.7560


 163.0610, 50.7560,
-5.7560


255.0000, -0.0000,
-0.0000


 136.2780, 48.6470,
-6.0810


 214.7400, 47.2260,
-7.8620


 110.6090, 46.2170,
-6.0950


 234.8410, 30.5840,
-14.6320


 85.4130, 43.8330,
-6.9430

 249.0720, 16.6920,
-16.1720

 60.9890, 42.0910,
-8.4130

 252.3780, 7.3830,
-7.1530

 40.3010, 32.6450,
-2.4190

 20.7870, 22.6490,
2.5290

 2.0930, 4.1720,

1.4840

■ 0.0000, 0.0000,
0.0000

■ 163.0610, 50.7560,
-5.7560

■ 163.0610, 50.7560,
-5.7560

■ 154.7970, 60.2470,
-7.0570

■ 171.3250, 41.2650,
-4.4550

■ 145.9460, 70.0130,
-7.8350

■ 180.1760, 31.4990,
-3.6770

■ 137.7960, 79.1830,
-8.8250

■ 188.3260, 22.3290,
-2.6870

■ 129.5320, 88.6740,
-10.1260

■ 196.5900, 12.8380,
-1.3860

■ 123.8270, 95.0930,
-10.8190

■ 205.4410, 3.0720,
-0.6080

■ 213.7050, -6.4190,
0.6930

■ 221.9690,
-15.9100, 1.9940

■ 229.7940,
-22.7870, -0.0270

■ 235.6640,
-25.5370, -5.2570

Harmonies

Analogous

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



164.9180, 59.1890, 12.1250



163.0610, 50.7560, -5.7560



159.9670, 29.9890, -20.3710

Triad

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



163.0610, 50.7560, -5.7560



133.2370, -94.2590, -37.3550



167.5480, -3.3980, 28.5540

Complementary

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



163.0610, 50.7560, -5.7560



141.9390, -50.7560, 5.7560

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.



161.3300, -44.2470, 14.4490



163.0610, 50.7560, -5.7560



129.9590, -116.5430, -29.9750

Square

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



163.0610, 50.7560, -5.7560



149.0740, -39.5160, -32.7640



145.6890, -88.5790, -8.1230



168.4350, 30.7130, 32.6090

Rectangle

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



163.0610, 50.7560, -5.7560



157.5130, 10.5960, -26.8440



145.6890, -88.5790, -8.1230



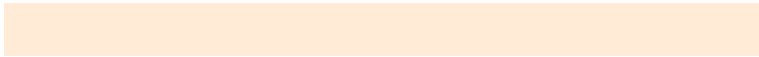
166.4970, -16.5560, 24.7240

Sweetspot

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



163.0610, 50.7560, -5.7560



238.5860, 18.6610, -2.2910



136.5730, 48.1800, 40.9480



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.



163.0610, 50.7560, -5.7560



188.8710, 74.5980, -8.3300



195.3460, 35.6310, -34.5210



100.2240, 5.1810, -0.2830



100.1270, 76.7530, -8.8390



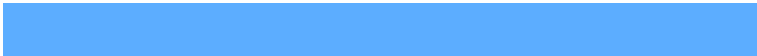
24.5860, 18.6610, -2.2910

Inverse Universe

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



141.9390, -50.7560, 5.7560



158.1290, -74.5980, 8.3300



109.6540, -35.6310, 34.5210



98.1890, -4.9060, 0.8060



67.8730, -76.7530, 8.8390



16.4140, -18.6610, 2.2910

Previews

White Background



This preview shows how the YIQ color 163.0610, 50.7560, -5.7560 looks on a white background.

Color Contrast Check

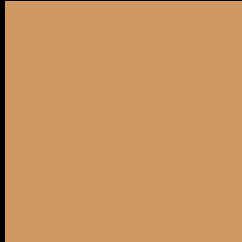
Large Text (above 18pt) WCAG AA × Fail

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 163.0610, 50.7560, -5.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

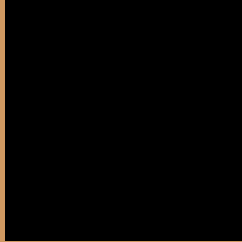
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.0610, 50.7560, -5.7560

Background



This preview shows how black text looks on a background with the YIQ color 163.0610, 50.7560, -5.7560.



This preview shows how white text looks on a background with the YIQ color 163.0610, 50.7560, -5.7560.

-5.7560.

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

163.0610, 50.7560, -5.7560

Protanopia

161.3030, 29.1630, -16.4130

Deuteranopia

162.9030, 45.2090, -9.8550



Tritanopia

167.2870, 36.4010, 17.6250

Trichromacy



Original Color

163.0610, 50.7560, -5.7560

Protanomaly

162.1300, 37.1400, -12.3000

Deuteranomaly

163.2130, 47.2720, -8.6960

Tritanomaly

165.9420, 41.4460, 8.7900

Monochromacy



Original Color

163.0610, 50.7560, -5.7560

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.7000, 18.3400, -1.9800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.0610, 50.7560, -5.7560 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(208, 153, 97)` looks like.

```
.text, #text, p{  
    color:rgb(208, 153, 97)  
}
```

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(208, 153, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 153, 97) }
```

Border

The CSS property to change the border of an element to YIQ 163.0610, 50.7560, -5.7560 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(208, 153, 97) }
```


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

```
.border{ border-color:rgb(208, 153, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 153, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 153, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 153, 97);  
box-shadow:4px 4px 4px 4px rgb(208, 153,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 163.0610, 50.7560, -5.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 153, 97) }
```

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

```
.background{ background-color: rgb(208,  
153, 97) }
```

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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