

Converting Colors

YIQ(162.8230, 57.3580, -4.2580)

Have a look what the booklet for
YIQ(162.8230, 57.3580, -4.2580)
contains.

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Color

**YIQ(162.8230, 57.3580,
-4.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	D7965C
RGB	215, 150, 92
RGB Percent	84%, 59%, 36%
CMY	0.1567, 0.4118, 0.6389
CMYK	0.00, 0.30, 0.57, 0.16
HSL	28°, 61%, 60%
HSV	28°, 57%, 84%
XYZ	40.8700, 37.0295, 15.1345
YIQ	162.8230, 57.3580, -4.2580

Conversions

Conversions Part 2

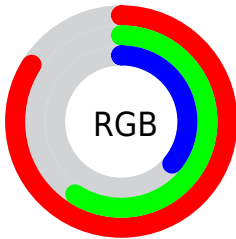
Format	Color
R_{YB}	215, 202, 92
Decimal	14128732
CIE Lab	67.30, 18.34, 40.02
CIE LCh	67, 44.022, 65.374
Yxy	37.0295, 0.4393, 0.3980
Android (android.graphics.Color)	4292318812 (0xFFD7965C)
YUV	162.8230, -34.9157, 45.7592
Hunter-Lab	60.8519, 13.3953, 27.8503

Details

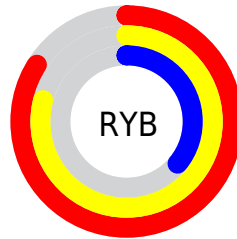
The YIQ color **162.8230, 57.3580, -4.2580** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **144.1770, -57.3580, 4.2580**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.2950, 49.9770, -8.1590**, and **110.0720, 52.2230, -4.8090** is the 20% darker color. If you saturate the color by 10%, you get **153.9720, 67.1240, -5.0360**, and if you desaturate by 10%, it is **171.7880, 47.2710, -3.1690**.

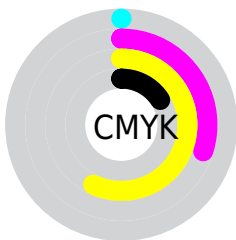
Distribution



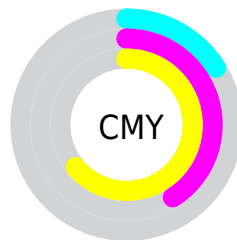
- Red (84%)
- Green (59%)
- Blue (36%)



- Red (84%)
- Yellow (79%)
- Blue (36%)



- Cyan (0%)
- Magenta (30%)
- Yellow (57%)
- Black (16%)





- Cyan (16%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.8230, 57.3580, -4.2580 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 162.8230, 57.3580, -4.2580 by changing the saturation by 10% instead.


 162.8230, 57.3580,
-4.2580


 162.8230, 57.3580,
-4.2580


255.0000, -0.0000,
-0.0000


 136.1540, 54.9280,
-4.2720


 212.4090, 49.6560,
-7.8480

 110.0720, 52.2230,
-4.8090


 231.8090, 33.6100,
-14.4060


 84.5770, 49.2430,
-5.8690

 248.5020, 18.2970,
-17.7270

 60.7230, 45.8960,
-5.7840

 251.6940, 9.3090,
-9.0190

 39.7360, 35.8540,
-0.0020

 19.3360, 25.5370,
5.2570

 4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,
0.0000

■ 162.8230, 57.3580,
-4.2580

■ 162.8230, 57.3580,
-4.2580

■ 153.9720, 67.1240,
-5.0360

■ 171.7880, 47.2710,
-3.1690

■ 144.4200, 77.4860,
-5.6020

■ 181.2260, 37.2300,
-2.9140

■ 135.5690, 87.2520,
-6.3800

■ 190.1910, 27.1430,
-1.8250

■ 126.0170, 97.6140,
-6.9460

■ 199.0420, 17.3770,
-1.0470

■ 123.5720,
100.3650, -7.2430

■ 208.5940, 7.0150,
-0.4810

■ 217.4450, -2.7510,
0.2970

■ 226.9970,
-13.1130, 0.8630

■ 234.8220,
-19.9900, -1.1580

■ 241.2790,
-23.0150, -6.9110

Harmonies

Analogous

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



164.6630, 64.4610, 15.7010



162.8230, 57.3580, -4.2580



160.1480, 36.7290, -21.3750

Triad

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



162.8230, 57.3580, -4.2580



127.3880, -105.1700, -43.3620



167.6660, -9.5420, 29.7700

Complementary

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



162.8230, 57.3580, -4.2580



144.1770, -57.3580, 4.2580

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.



158.9310, -56.3050, 12.7110



162.8230, 57.3580, -4.2580



131.2470, -117.4140, -30.7100

Square

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



162.8230, 57.3580, -4.2580



147.8520, -39.0110, -36.4110



130.6890, -124.1100, -19.4860



168.4720, 29.2910, 36.3550

Rectangle

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



162.8230, 57.3580, -4.2580



157.2700, 15.5940, -29.3180



130.6890, -124.1100, -19.4860



165.6040, -24.1670, 24.9930

Sweetspot

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



162.8230, 57.3580, -4.2580



236.5970, 20.1280, -1.3440



136.3010, 52.1220, 46.6020



116.8180, 12.1960, -0.7640



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.



162.8230, 57.3580, -4.2580



180.3450, 82.0710, -6.0970



198.6300, 40.5830, -36.1610



102.2240, 5.1810, -0.2830



98.0890, 79.9160, -5.5880



24.5970, 20.1280, -1.3440

Inverse Universe

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



144.1770, -57.3580, 4.2580



153.6550, -82.0710, 6.0970



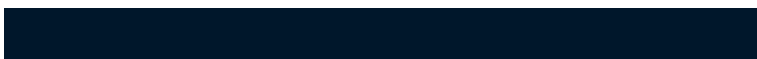
108.3700, -40.5830, 36.1610



100.7760, -5.1810, 0.2830



72.3240, -79.6410, 6.1110



18.4030, -20.1280, 1.3440

Previews

White Background



This preview shows how the YIQ color 162.8230, 57.3580, -4.2580 looks on a white background.

Color Contrast Check

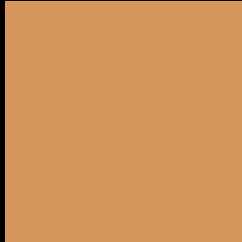
Large Text (above 18pt) WCAG AA × Fail

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 162.8230, 57.3580, -4.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

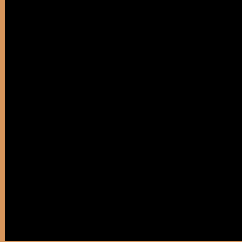
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.8230, 57.3580, -4.2580

Background



This preview shows how black text looks on a background with the YIQ color 162.8230, 57.3580, -4.2580.



This preview shows how white text looks on a background with the YIQ color 162.8230, 57.3580, -4.2580.

-4.2580.

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

162.8230, 57.3580, -4.2580

Protanopia

161.1460, 31.0430, -17.4450

Deuteranopia

162.6320, 47.4100, -11.1980



Tritanopia

167.1630, 42.6820, 19.4340

Trichromacy



Original Color

162.8230, 57.3580, -4.2580

Protanomaly

161.8700, 40.8080, -12.6960

Deuteranomaly

162.3660, 51.2150, -8.5690

Tritanomaly

165.8180, 47.7270, 10.5990

Monochromacy



Original Color

162.8230, 57.3580, -4.2580

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.7820, 21.0450, -1.4430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.8230, 57.3580, -4.2580 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(215, 150, 92)` looks like.

```
.text, #text, p{  
    color:rgb(215, 150, 92)  
}
```

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(215, 150, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 150, 92) }
```

Border

The CSS property to change the border of an element to YIQ 162.8230, 57.3580, -4.2580 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(215, 150, 92) }
```


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

```
.border{ border-color:rgb(215, 150, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 150, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 150, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 150, 92);  
box-shadow:4px 4px 4px 4px rgb(215, 150,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 162.8230, 57.3580, -4.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 150, 92) }
```

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

```
.background{ background-color: rgb(215,  
150, 92) }
```

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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