

Converting Colors

YIQ(164.5530, 57.8180,
-12.5980)

Have a look what the booklet for
YIQ(164.5530, 57.8180, -12.5980)
contains.

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Color

**YIQ(164.5530, 57.8180,
-12.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	D49D4F
RGB	212, 157, 79
RGB Percent	83%, 62%, 31%
CMY	0.1685, 0.3844, 0.6899
CMYK	0.00, 0.26, 0.63, 0.17
HSL	35°, 61%, 57%
HSV	35°, 63%, 83%
XYZ	40.6244, 38.6718, 12.7345
YIQ	164.5530, 57.8180, -12.5980

Conversions

Conversions Part 2

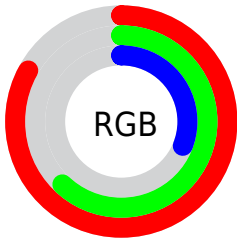
Format	Color
RYB	173, 212, 79
Decimal	13933903
CIELab	68.51, 12.35, 47.90
CIELCh	69, 49.472, 75.539
Yxy	38.6718, 0.4414, 0.4202
Android (android.graphics.Color)	4292123983 (0xFFD49D4F)
YUV	164.5530, -42.1776, 41.6110
Hunter-Lab	62.1867, 7.7813, 31.3893

Details

The YIQ color **164.5530, 57.8180, -12.5980** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **126.4470, -57.8180, 12.5980**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.0360, 51.9040, -15.5520**, and **111.4600, 53.6460, -14.0820** is the 20% darker color. If you saturate the color by 10%, you get **156.8760, 67.0340, -14.4220**, and if you desaturate by 10%, it is **172.2300, 48.6020, -10.7740**.

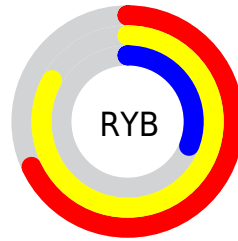
Distribution



Red (83%)

Green (62%)

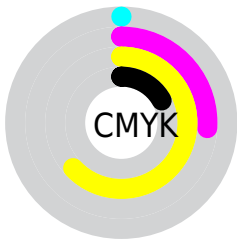
Blue (31%)



Red (68%)

Yellow (83%)

Blue (31%)

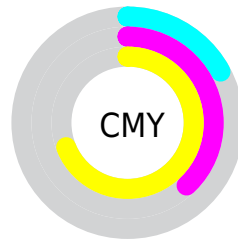


Cyan (0%)

Magenta (26%)

Yellow (63%)

Black (17%)



Cyan (17%)

Magenta (38%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.5530, 57.8180, -12.5980 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 164.5530, 57.8180, -12.5980 by changing the saturation by 10% instead.

164.5530, 57.8180,
-12.5980

164.5530, 57.8180,
-12.5980

255.0000, -0.0000,
-0.0000

137.7700, 55.7090,
-12.9230

215.0360, 51.9040,
-15.5520

111.4600, 53.6460,
-14.0820

235.1370, 35.2620,
-22.3220

85.5090, 51.9500,
-16.3860

247.0200, 22.4700,
-21.7700

63.9350, 42.1830,
-10.0810

250.2120, 13.4820,
-13.0620

42.9480, 32.1410,
-4.2990

253.5180, 4.1730,
-4.0430

23.4340, 22.1450,
0.6490

4.4850, 8.9400,

3.1800

■ 0.0000, 0.0000,
0.0000

■ 164.5530, 57.8180,
-12.5980

■ 164.5530, 57.8180,
-12.5980

■ 156.8760, 67.0340,
-14.4220

■ 172.2300, 48.6020,
-10.7740

■ 149.1990, 76.2500,
-16.2460

■ 179.9070, 39.3860,
-8.9500

■ 141.9950, 85.5120,
-18.9040

■ 187.1110, 30.1240,
-6.2920

■ 136.1760, 92.2520,
-19.9080

■ 194.7880, 20.9080,
-4.4680

■ 202.4650, 11.6920,
-2.6440

■ 210.1420, 2.4760,
-0.8200

■ 217.2320, -6.4650,
1.5270

■ 225.0230,
-16.0020, 3.6620

■ 230.9900,
-20.4030, 0.8210

Harmonies

Analogous

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



166.7960, 71.1560, 10.0040



164.5530, 57.8180, -12.5980



160.8710, 29.8990, -29.7570

Triad

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



164.5530, 57.8180, -12.5980



133.1900, -113.2400, -40.2800



171.7220, 5.2200, 37.5720

Complementary

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



164.5530, 57.8180, -12.5980



126.4470, -57.8180, 12.5980

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.



165.4750, -45.8530, 21.5310



164.5530, 57.8180, -12.5980



135.9890, -125.2550, -26.2710

Square

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



164.5530, 57.8180, -12.5980



139.8140, -71.3790, -44.5230



133.3280, -130.1630, -14.4110



170.7190, 44.8330, 41.0330

Rectangle

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



164.5530, 57.8180, -12.5980



157.7090, 3.8120, -36.0600



133.3280, -130.1630, -14.4110



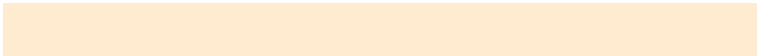
171.0020, -10.3680, 33.7280

Sweetspot

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



164.5530, 57.8180, -12.5980



237.7880, 20.9080, -4.4680



125.0370, 61.6130, 45.3010



116.9490, 13.2050, -2.5310



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.



164.5530, 57.8180, -12.5980



186.8530, 83.0360, -18.0840



193.5490, 36.1370, -43.6950



103.3980, 4.6310, -1.3290



109.8290, 74.4160, -16.0480



27.5320, 18.7530, -3.9590

Inverse Universe

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



126.4470, -57.8180, 12.5980



132.1470, -83.0360, 18.0840



97.4510, -36.1370, 43.6950



100.1890, -4.9060, 0.8060



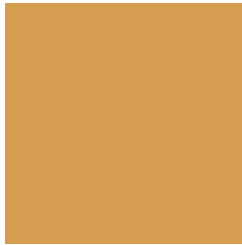
61.1710, -74.4160, 16.0480



15.4680, -18.7530, 3.9590

Previews

White Background



This preview shows how the YIQ color 164.5530, 57.8180, -12.5980 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 164.5530, 57.8180, -12.5980 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 164.5530, 57.8180, -12.5980

Background



This preview shows how black text looks on a background with the YIQ color 164.5530, 57.8180, -12.5980.



This preview shows how white text looks on a background with the YIQ color 164.5530, 57.8180, -12.5980.

-12.5980.

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

164.5530, 57.8180, -12.5980

Protanopia

163.2790, 37.7380, -23.1420

Deuteranopia

164.1180, 54.6090, -15.0150



Tritanopia

170.1840, 38.1890, 18.2610

Trichromacy



Original Color

164.5530, 57.8180, -12.5980

Protanomaly

163.8070, 45.1190, -19.2410

Deuteranomaly

164.1290, 56.0760, -14.0680

Tritanomaly

168.0410, 45.4810, 7.2490

Monochromacy



Original Color

164.5530, 57.8180, -12.5980

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.7880, 20.9080, -4.4680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.5530, 57.8180, -12.5980 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(212, 157, 79)` looks like.

```
.text, #text, p{  
    color:rgb(212, 157, 79)  
}
```

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(212, 157, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 157, 79) }
```

Border

The CSS property to change the border of an element to YIQ 164.5530, 57.8180, -12.5980 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(212, 157, 79) }
```


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

```
.border{ border-color:rgb(212, 157, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 157, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 157, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 157, 79);  
box-shadow:4px 4px 4px 4px rgb(212, 157,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 164.5530, 57.8180, -12.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 157, 79) }
```

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

```
.background{ background-color: rgb(212,  
157, 79) }
```

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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