

Converting Colors

YIQ(164.0040, 37.7350, -6.5610)

Have a look what the booklet for
YIQ(164.0040, 37.7350, -6.5610)
contains.

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Color

**YIQ(164.0040, 37.7350,
-6.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	C49E6F
RGB	196, 158, 111
RGB Percent	77%, 62%, 44%
CMY	0.2313, 0.3804, 0.5645
CMYK	0.00, 0.19, 0.43, 0.23
HSL	33°, 42%, 60%
HSV	33°, 43%, 77%
XYZ	37.8650, 37.3348, 20.2633
YIQ	164.0040, 37.7350, -6.5610

Conversions

Conversions Part 2

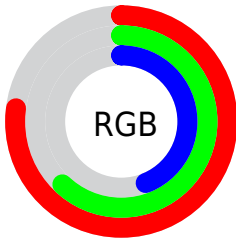
Format	Color
RYB	180, 196, 111
Decimal	12885615
CIELab	67.53, 7.87, 29.83
CIELCh	68, 30.848, 75.213
Yxy	37.3348, 0.3966, 0.3911
Android (android.graphics.Color)	4291075695 (0xFFC49E6F)
YUV	164.0040, -26.1310, 28.0605
Hunter-Lab	61.1022, 3.6873, 23.1093

Details

The YIQ color **164.0040, 37.7350, -6.5610** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **142.9960, -37.7350, 6.5610**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **219.5590, 40.4860, -6.8580**, and **111.7370, 34.1130, -6.9990** is the 20% darker color. If you saturate the color by 10%, you get **156.4410, 46.6300, -8.0740**, and if you desaturate by 10%, it is **171.5670, 28.8400, -5.0480**.

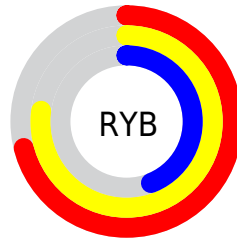
Distribution



Red (77%)

Green (62%)

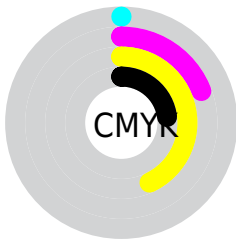
Blue (44%)



Red (71%)

Yellow (77%)

Blue (44%)

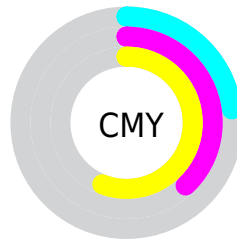


Cyan (0%)

Magenta (19%)

Yellow (43%)

Black (23%)



Cyan (23%)


Magenta (38%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.0040, 37.7350, -6.5610 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 164.0040, 37.7350, -6.5610 by changing the saturation by 10% instead.


 164.0040, 37.7350,
-6.5610


 164.0040, 37.7350,
-6.5610


255.0000, -0.0000,
-0.0000


 137.5200, 36.2220,
-6.6740


 219.5590, 40.4860,
-6.8580


 111.7370, 34.1130,
-6.9990


 239.3720, 24.7150,
-12.8930


 87.3670, 32.2790,
-6.8010

 250.7820, 11.8770,
-11.5070

 63.4700, 30.4910,
-7.4370

 254.0880, 2.5680,
-2.4880

 41.1430, 27.0980,
-6.5180

 21.9280, 17.6980,
-1.3580

 0.0000, 0.0000,

0.0000

■ 164.0040, 37.7350,
-6.5610

■ 164.0040, 37.7350,
-6.5610

■ 156.4410, 46.6300,
-8.0740

■ 171.5670, 28.8400,
-5.0480

■ 148.9920, 55.2040,
-9.2760

■ 179.0160, 20.2660,
-3.8460

■ 142.0160, 63.8240,
-11.3120

■ 185.9920, 11.6460,
-1.8100

■ 134.5670, 72.3980,
-12.5140

■ 193.4410, 3.0720,
-0.6080

■ 127.0040, 81.2930,
-14.0270

■ 201.0040, -5.8230,
0.9050

■ 122.0000, 87.1160,
-14.9320

■ 208.5670,
-14.7180, 2.4180

■ 215.4290,
-23.0170, 4.1430

■ 221.5100,
-27.7390, 1.6130

■ 226.7930,
-30.2140, -3.0940

Harmonies

Analogous

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



165.8130, 46.1230, 6.6270



164.0040, 37.7350, -6.5610



161.1000, 19.4890, -17.3030

Triad

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



164.0040, 37.7350, -6.5610



148.9750, -60.7460, -22.4580



168.0940, 3.5720, 23.3800

Complementary

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



164.0040, 37.7350, -6.5610



142.9960, -37.7350, 6.5610

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.



164.4970, -25.7240, 14.6600



164.0040, 37.7350, -6.5610



149.4660, -69.1380, -13.5380

Square

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



164.0040, 37.7350, -6.5610



153.4540, -34.4740, -25.0180



157.2220, -53.2310, 1.0490



168.6100, 28.4220, 24.5660

Rectangle

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



164.0040, 37.7350, -6.5610



158.9670, 3.6260, -21.6700



157.2220, -53.2310, 1.0490



167.8370, -6.0100, 20.8220

Sweetspot

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



164.0040, 37.7350, -6.5610



242.4330, 14.7180, -2.4180



140.7470, 38.4620, 29.8380



119.7360, 9.4910, -1.3010



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.



164.0040, 37.7350, -6.5610



205.2050, 58.9180, -10.5060



185.1140, 24.9010, -27.2830



93.5120, 4.3100, -1.0180



100.3820, 71.4810, -12.4150



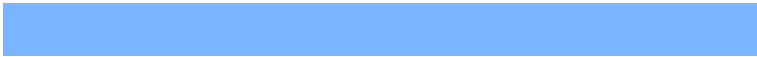
20.4330, 14.7180, -2.4180

Inverse Universe

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



142.9960, -37.7350, 6.5610



172.3820, -59.1930, 9.9830



121.8860, -24.9010, 27.2830



91.0750, -4.5850, 0.4950



60.6180, -71.4810, 12.4150



12.5670, -14.7180, 2.4180

Previews

White Background



This preview shows how the YIQ color 164.0040, 37.7350, -6.5610 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 164.0040, 37.7350, -6.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

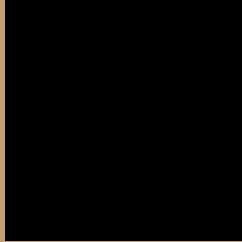
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.0040, 37.7350, -6.5610

Background



This preview shows how black text looks on a background with the YIQ color 164.0040, 37.7350, -6.5610.



This preview shows how white text looks on a background with the YIQ color 164.0040, 37.7350,

-6.5610.

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

164.0040, 37.7350, -6.5610

Protanopia

163.0730, 24.1190, -13.1050

Deuteranopia

164.3030, 38.3310, -6.3490



Tritanopia

167.3180, 25.9480, 14.3320

Trichromacy



Original Color

164.0040, 37.7350, -6.5610

Protanomaly

163.2910, 29.4370, -10.3630

Deuteranomaly

164.3030, 38.3310, -6.3490

Tritanomaly

166.3150, 30.0300, 6.4300

Monochromacy



Original Color

164.0040, 37.7350, -6.5610

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.2480, 13.8010, -2.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.0040, 37.7350, -6.5610 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(196, 158, 111)` looks like.

```
.text, #text, p{  
    color:rgb(196, 158, 111)  
}
```

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(196, 158, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 158, 111) }
```

Border

The CSS property to change the border of an element to YIQ 164.0040, 37.7350, -6.5610 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(196, 158, 111) }
```


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

```
.border{ border-color:rgb(196, 158, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 158, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 158, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 158, 111);  
box-shadow:4px 4px 4px 4px rgb(196, 158,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 164.0040, 37.7350, -6.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 158, 111) }
```

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

```
.background{ background-color: rgb(196,  
158, 111) }
```

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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