

Converting Colors

YIQ(164.3700, 54.5600, 2.4000)

Have a look what the booklet for
YIQ(164.3700, 54.5600, 2.4000)
contains.

YIQ(164.3700, 54.5600, 2.4000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(164.3700, 54.5600,
2.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	DA946C
RGB	218, 148, 108
RGB Percent	85%, 58%, 42%
CMY	0.1450, 0.4197, 0.5762
CMYK	0.00, 0.32, 0.50, 0.14
HSL	22°, 60%, 64%
HSV	22°, 50%, 86%
XYZ	42.2197, 37.1656, 19.1534
YIQ	164.3700, 54.5600, 2.4000

Conversions

Conversions Part 2

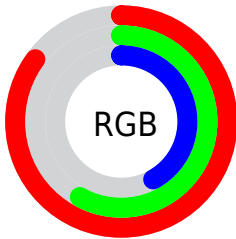
Format	Color
R _Y B	218, 171, 108
Decimal	14324844
CIE Lab	67.40, 22.01, 31.73
CIE LCh	67, 38.621, 55.251
Yxy	37.1656, 0.4285, 0.3772
Android (android.graphics.Color)	4292514924 (0xFFDA946C)
YUV	164.3700, -27.7904, 47.0335
Hunter-Lab	60.9636, 16.9319, 24.0469

Details

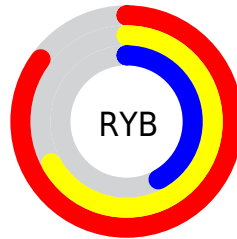
The YIQ color **164.3700, 54.5600, 2.4000** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **161.6300, -54.5600, -2.4000**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.0590, 45.0700, -1.8260**, and **111.6190, 49.4250, 1.8490** is the 20% darker color. If you saturate the color by 10%, you get **153.6440, 65.4720, 2.8800**, and if you desaturate by 10%, it is **175.0960, 43.6480, 1.9200**.

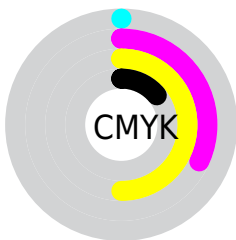
Distribution



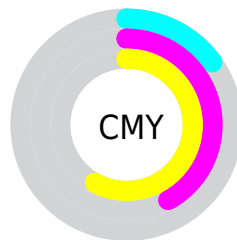
- Red (85%)
- Green (58%)
- Blue (42%)



- Red (85%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (32%)
- Yellow (50%)
- Black (14%)





- Cyan (15%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.3700, 54.5600, 2.4000 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 164.3700, 54.5600, 2.4000 by changing the saturation by 10% instead.


 164.3700, 54.5600,
2.4000


 164.3700, 54.5600,
2.4000


255.0000, -0.0000,
-0.0000


 137.5870, 52.4510,
2.0750


 213.0590, 45.0700,
-1.8260


 111.6190, 49.4250,
1.8490


 233.1600, 28.4280,
-8.5960


 86.5370, 46.7200,
1.3120

 250.4400, 12.8400,
-12.4400

 62.1560, 43.4190,
0.5630

 253.7460, 3.5310,
-3.4210

 39.1710, 39.0630,
2.4150

 18.7710, 28.7460,
7.6740

 6.8770, 13.7080,

4.8760

■ 0.0000, 0.0000,
0.0000

■ 164.3700, 54.5600,
2.4000

■ 164.3700, 54.5600,
2.4000

■ 153.6440, 65.4720,
2.8800

■ 175.0960, 43.6480,
1.9200

■ 142.9180, 76.3840,
3.3600

■ 185.8220, 32.7360,
1.4400

■ 132.3060, 86.9750,
4.1510

■ 196.4340, 22.1450,
0.6490

■ 121.5800, 97.8870,
4.6310

■ 207.1600, 11.2330,
0.1690

■ 111.5550,
108.2030, 4.8990

■ 217.2990, 0.5960,
0.2120

■ 228.0250,
-10.3160, -0.2680

■ 238.0670,
-19.3020, -2.6140

■ 243.9370,
-22.0520, -7.8440

Harmonies

Analogous

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



166.1660, 55.7950, 18.5710



164.3700, 54.5600, 2.4000



162.0440, 40.2580, -13.7420

Triad

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



164.3700, 54.5600, 2.4000



144.4660, -61.1110, -32.3670



165.8770, -20.6820, 22.4060

Complementary

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



164.3700, 54.5600, 2.4000



161.6300, -54.5600, -2.4000

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.



156.2630, -60.4760, 5.7000



164.3700, 54.5600, 2.4000



128.8360, -112.0030, -35.1630

Square

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



164.3700, 54.5600, 2.4000



153.1920, -19.2970, -30.2490



136.4430, -105.8620, -19.7980



169.0680, 15.6290, 30.6450

Rectangle

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



164.3700, 54.5600, 2.4000



160.0910, 23.7080, -22.1800



136.4430, -105.8620, -19.7980



163.2990, -33.7940, 17.7420

Sweetspot

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



164.3700, 54.5600, 2.4000



236.5800, 18.7980, 0.7340



149.0980, 42.4480, 45.7120



116.5730, 11.5080, 0.6920



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.



164.3700, 54.5600, 2.4000



179.1030, 77.3010, 3.2610



196.0680, 39.7100, -25.8420



104.6370, 5.4560, 0.2400



88.7080, 85.7830, 3.7270



23.7330, 22.7410, 0.8610

Inverse Universe

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



161.6300, -54.5600, -2.4000



175.4840, -77.5760, -3.7840



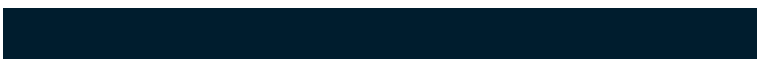
130.5190, -39.9850, 25.3190



104.3630, -5.4560, -0.2400



84.2920, -85.7830, -3.7270



22.2670, -22.7410, -0.8610

Previews

White Background



This preview shows how the YIQ color 164.3700, 54.5600, 2.4000 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 164.3700, 54.5600, 2.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

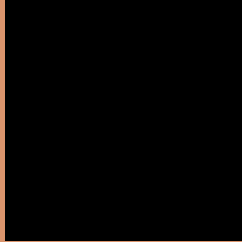
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.3700, 54.5600, 2.4000

Background



This preview shows how black text looks on a background with the YIQ color 164.3700, 54.5600, 2.4000.



This preview shows how white text looks on a background with the YIQ color 164.3700, 54.5600,

2.4000.

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

164.3700, 54.5600, 2.4000

Protanopia

162.6000, 24.0730, -12.2710

Deuteranopia

163.4450, 40.8070, -7.1690



Tritanopia

167.1740, 44.1490, 20.3810

Trichromacy



Original Color

164.3700, 54.5600, 2.4000

Protanomaly

163.2210, 35.6260, -6.8860

Deuteranomaly

163.8910, 45.4830, -3.8050

Tritanomaly

166.2250, 48.1390, 14.1470

Monochromacy



Original Color

164.3700, 54.5600, 2.4000

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.1780, 19.9900, 1.1580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.3700, 54.5600, 2.4000 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(218, 148, 108)` looks like.

```
.text, #text, p{  
    color:rgb(218, 148, 108)  
}
```

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(218, 148, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 148, 108) }
```

Border

The CSS property to change the border of an element to YIQ 164.3700, 54.5600, 2.4000 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(218, 148, 108) }
```


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

```
.border{ border-color:rgb(218, 148, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 148, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 148, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 148, 108);  
box-shadow:4px 4px 4px 4px rgb(218, 148,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 164.3700, 54.5600, 2.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 148, 108) }
```

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

```
.background{ background-color: rgb(218,  
148, 108) }
```

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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