

Converting Colors

YIQ(150.4860, 42.7300, 7.5460)

Have a look what the booklet for
YIQ(150.4860, 42.7300, 7.5460)
contains.

YIQ(150.4860, 42.7300, 7.5460)	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(150.4860, 42.7300,
7.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	C48674
RGB	196, 134, 116
RGB Percent	77%, 53%, 45%
CMY	0.2312, 0.4746, 0.5449
CMYK	0.00, 0.32, 0.41, 0.23
HSL	13°, 40%, 61%
HSV	13°, 41%, 77%
XYZ	34.4506, 30.0454, 20.5209
YIQ	150.4860, 42.7300, 7.5460

Conversions

Conversions Part 2

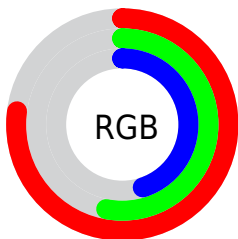
Format	Color
RYB	196, 139, 116
Decimal	12879476
CIELab	61.69, 21.61, 19.29
CIELCh	62, 28.966, 41.746
Yxy	30.0454, 0.4052, 0.3534
Android (android.graphics.Color)	4291069556 (0xFFC48674)
YUV	150.4860, -17.0016, 39.9158
Hunter-Lab	54.8137, 16.2638, 16.1729

Details

The YIQ color **150.4860, 42.7300, 7.5460** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **161.5140, -42.7300, -7.5460**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4540, 45.7560, 7.7720**, and **98.9200, 38.5120, 6.8960** is the 20% darker color. If you saturate the color by 10%, you get **139.4010, 53.2750, 9.1710**, and if you desaturate by 10%, it is **161.5710, 32.1850, 5.9210**.

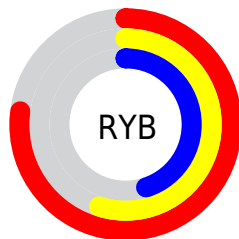
Distribution



Red (77%)

Green (53%)

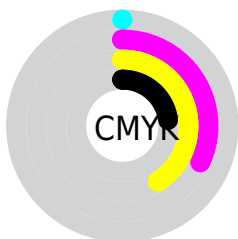
Blue (45%)



Red (77%)

Yellow (55%)

Blue (45%)

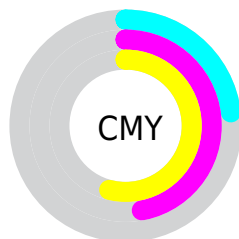


Cyan (0%)

Magenta (32%)

Yellow (41%)

Black (23%)



Cyan (23%)


Magenta (47%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.4860, 42.7300, 7.5460 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 150.4860, 42.7300, 7.5460 by changing the saturation by 10% instead.


 150.4860, 42.7300,
7.5460


 150.4860, 42.7300,
7.5460


255.0000, -0.0000,
-0.0000

 124.0020, 41.2170,
7.4330


 205.4540, 45.7560,
7.7720

 98.9200, 38.5120,
6.8960


 224.6800, 30.2600,
2.2600


 74.1370, 36.4030,
6.5710

 244.8950, 13.2970,
-4.1990

 51.0550, 33.6980,
6.0340

254.6580, 0.9630,
-0.9330

 27.3430, 32.8270,
5.2990

 11.6610, 23.2440,
8.2680

 0.0000, 0.0000,

0.0000

■ 150.4860, 42.7300,
7.5460

■ 150.4860, 42.7300,
7.5460

■ 139.4010, 53.2750,
9.1710

■ 161.5710, 32.1850,
5.9210

■ 128.4300, 63.4990,
11.1070

■ 172.5420, 21.9610,
3.9850

■ 116.7580, 74.3190,
13.2550

■ 184.2140, 11.1410,
1.8370

■ 105.7870, 84.5430,
15.1910

■ 195.1850, 0.9170,
-0.0990

■ 94.7020, 95.0880,
16.8160

■ 206.2700, -9.6280,
-1.7240

■ 84.4320, 104.7160,
18.5400

■ 217.3550,
-20.1730, -3.3490

■ 228.3260,
-30.3970, -5.2850

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



152.0700, 38.5100, 17.9500



150.4860, 42.7300, 7.5460



148.6880, 35.8090, -4.6950

Triad

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



150.4860, 42.7300, 7.5460



139.4440, -28.5140, -22.8980



148.4320, -27.0990, 12.0450

Complementary

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



150.4860, 42.7300, 7.5460



161.5140, -42.7300, -7.5460

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.



141.2390, -51.9010, -1.0290



150.4860, 42.7300, 7.5460



135.0360, -53.5480, -20.7480

Square

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



150.4860, 42.7300, 7.5460



143.5580, -2.4720, -21.2880



134.3910, -64.5530, -14.0330



152.2460, 0.0880, 20.4400

Rectangle

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



150.4860, 42.7300, 7.5460



147.3830, 26.1820, -11.9460



134.3910, -64.5530, -14.0330



146.4200, -35.9930, 8.0310

Sweetspot

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



150.4860, 42.7300, 7.5460



237.3780, 16.5510, 2.9110



147.1020, 27.4570, 36.5530



117.7300, 9.6280, 1.7240



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.



150.4860, 42.7300, 7.5460



183.8110, 66.8000, 11.8560



173.3790, 32.0050, -12.8510



91.1640, 5.4100, 1.0740



69.2710, 86.0560, 15.3040



13.9760, 17.7430, 3.3350

Inverse Universe

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



161.5140, -42.7300, -7.5460



201.1890, -66.8000, -11.8560



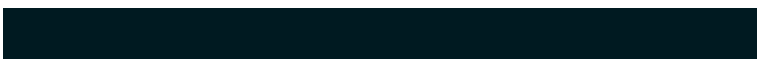
138.6210, -32.0050, 12.8510



92.8360, -5.4100, -1.0740



91.7290, -86.0560, -15.3040



19.0240, -17.7430, -3.3350

Previews

White Background



This preview shows how the YIQ color 150.4860, 42.7300, 7.5460 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 150.4860, 42.7300, 7.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

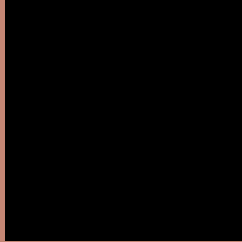
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.4860, 42.7300, 7.5460

Background



This preview shows how black text looks on a background with the YIQ color 150.4860, 42.7300, 7.5460.



This preview shows how white text looks on a background with the YIQ color 150.4860, 42.7300,

7.5460.

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

150.4860, 42.7300, 7.5460

Protanopia

148.7270, 13.7100, -6.1780

Deuteranopia

149.2620, 28.3810, -2.2350



Tritanopia

151.4720, 37.3180, 17.5260

Trichromacy



Original Color

150.4860, 42.7300, 7.5460

Protanomaly

149.6360, 24.3920, -1.5280

Deuteranomaly

150.0070, 33.6530, 1.3410

Tritanomaly

150.7340, 39.3360, 13.9920

Monochromacy



Original Color

150.4860, 42.7300, 7.5460

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.1930, 15.6340, 3.0100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.4860, 42.7300, 7.5460 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, 134, 116)` looks like.

```
.text, #text, p{  
    color:rgb(196, 134, 116)  
}
```

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, 134, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 134, 116) }
```

Border

The CSS property to change the border of an element to YIQ 150.4860, 42.7300, 7.5460 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, 134, 116) }
```


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

```
.border{ border-color:rgb(196, 134, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 134, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 134, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 134, 116);  
box-shadow:4px 4px 4px 4px rgb(196, 134,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 150.4860, 42.7300, 7.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 134, 116) }
```

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

```
.background{ background-color: rgb(196,  
134, 116) }
```

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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