

Converting Colors

YIQ(110.8750, 42.4120, -8.7240)

Have a look what the booklet for
YIQ(110.8750, 42.4120, -8.7240)
contains.

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Color

**YIQ(110.8750, 42.4120,
-8.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	926931
RGB	146, 105, 49
RGB Percent	57%, 41%, 19%
CMY	0.4274, 0.5883, 0.8076
CMYK	0.00, 0.28, 0.66, 0.43
HSL	35°, 50%, 38%
HSV	35°, 66%, 57%
XYZ	17.4622, 16.4343, 5.1635
YIQ	110.8750, 42.4120, -8.7240

Conversions

Conversions Part 2

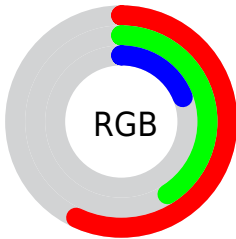
Format	Color
R_{YB}	120, 146, 49
Decimal	9595185
CIE _{Lab}	47.54, 10.37, 37.16
CIE _{LCh}	48, 38.578, 74.410
Yxy	16.4343, 0.4471, 0.4207
Android (android.graphics.Color)	4287785265 (0xFF926931)
YUV	110.8750, -30.5044, 30.8046
Hunter-Lab	40.5392, 5.9451, 20.8257

Details

The YIQ color **110.8750, 42.4120, -8.7240** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **84.1250, -42.4120, 8.7240**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3270, 46.9510, -8.3850**, and **61.5540, 38.8820, -10.8300** is the 20% darker color. If you saturate the color by 10%, you get **105.6430, 48.8770, -10.2510**, and if you desaturate by 10%, it is **116.1070, 35.9470, -7.1970**.

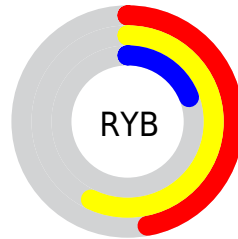
Distribution



Red (57%)

Green (41%)

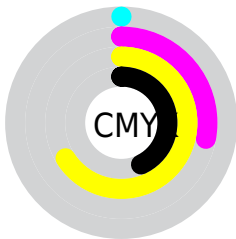
Blue (19%)



Red (47%)

Yellow (57%)

Blue (19%)

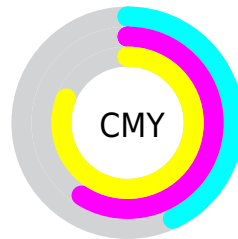


Cyan (0%)

Magenta (28%)

Yellow (66%)

Black (43%)



Cyan (43%)

Magenta (59%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.8750, 42.4120, -8.7240 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 110.8750, 42.4120, -8.7240 by changing the saturation by 10% instead.

■ 110.8750, 42.4120,
-8.7240

■ 110.8750, 42.4120,
-8.7240

■ 255.0000, -0.0000,
-0.0000

■ 85.9780, 40.6240,
-9.3600

■ 163.4410, 46.6300,
-8.0740

■ 61.5540, 38.8820,
-10.8300

■ 190.8110, 48.4640,
-8.2720

■ 40.8660, 29.4360,
-4.8360

■ 217.0880, 46.1260,
-9.9540

■ 21.3520, 19.4400,
0.1120

■ 236.6020, 29.7590,
-16.2010

■ 0.0000, 0.0000,
0.0000

■ 249.1860, 16.3710,
-15.8610

■ 252.3780, 7.3830,

-7.1530

■ 110.8750, 42.4120,
-8.7240

■ 110.8750, 42.4120,
-8.7240

■ 105.6430, 48.8770,
-10.2510

■ 116.1070, 35.9470,
-7.1970

■ 100.5250, 55.0210,
-11.4670

■ 121.2250, 29.8030,
-5.9810

■ 94.7060, 61.7610,
-12.4710

■ 127.0440, 23.0630,
-4.9770

■ 92.9620, 63.9160,
-12.9800

■ 132.1620, 16.9190,
-3.7610

■ 137.3940, 10.4540,
-2.2340

■ 142.6260, 3.9890,
-0.7070

■ 147.7440, -2.1550,
0.5090

■ 152.9760, -8.6200,
2.0360

■ 158.6810,
-15.0390, 2.7290

Harmonies

Analogous

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



112.3900, 51.8080, 8.2240



110.8750, 42.4120, -8.7240



108.4330, 22.7450, -21.2470

Triad

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



110.8750, 42.4120, -8.7240



90.3150, -76.5630, -27.6590



116.0170, 2.4710, 26.8150

Complementary

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



110.8750, 42.4120, -8.7240



84.1250, -42.4120, 8.7240

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.



110.9350, -35.7650, 14.9150



110.8750, 42.4120, -8.7240



92.4470, -85.3220, -17.5940

Square

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



110.8750, 42.4120, -8.7240



92.4300, -52.2620, -33.0460



90.9770, -89.4500, -8.8580



115.0390, 31.7680, 30.0080

Rectangle

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



110.8750, 42.4120, -8.7240



105.9190, 3.5810, -26.3630



90.9770, -89.4500, -8.8580



115.0910, -9.5410, 24.2430

Sweetspot

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



110.8750, 42.4120, -8.7240



175.2760, 16.5980, -3.4500



82.7910, 44.3300, 33.6260



86.2090, 9.5370, -2.1350



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



110.8750, 42.4120, -8.7240



134.2180, 66.0710, -13.4890



133.1480, 27.5610, -31.4390



71.4410, 3.0720, -0.6080



87.6350, 60.5230, -12.0610



6.5120, 4.3100, -1.0180

Inverse Universe

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



84.1250, -42.4120, 8.7240



92.7820, -66.0710, 13.4890



62.1510, -26.9650, 31.6510



69.5590, -3.0720, 0.6080



49.7780, -60.2480, 12.5840



3.4880, -4.3100, 1.0180

Previews

White Background



This preview shows how the YIQ color 110.8750, 42.4120, -8.7240 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 110.8750, 42.4120, -8.7240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

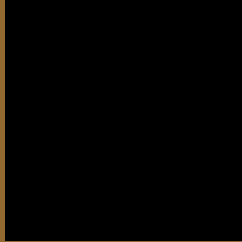
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.8750, 42.4120, -8.7240

Background



This preview shows how black text looks on a background with the YIQ color 110.8750, 42.4120, -8.7240.



This preview shows how white text looks on a background with the YIQ color 110.8750, 42.4120, -8.7240.

-8.7240.

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

110.8750, 42.4120, -8.7240

Protanopia

109.9330, 27.3290, -16.2150

Deuteranopia

110.7280, 38.3320, -11.8760



Tritanopia

115.0470, 28.1490, 12.9890

Trichromacy



Original Color

110.8750, 42.4120, -8.7240

Protanomaly

110.1510, 32.6470, -13.4730

Deuteranomaly

110.7390, 39.7990, -10.9290

Tritanomaly

113.5280, 33.7440, 5.2000

Monochromacy



Original Color

110.8750, 42.4120, -8.7240

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0910, 15.6810, -3.3510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.8750, 42.4120, -8.7240 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(146, 105, 49)` looks like.

```
.text, #text, p{  
    color:rgb(146, 105, 49)  
}
```

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(146, 105, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 105, 49) }
```

Border

The CSS property to change the border of an element to YIQ 110.8750, 42.4120, -8.7240 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(146, 105, 49) }
```


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

```
.border{ border-color:rgb(146, 105, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 105, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 105, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 105, 49);  
box-shadow:4px 4px 4px 4px rgb(146, 105,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 110.8750, 42.4120, -8.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 105, 49) }
```

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

```
.background{ background-color: rgb(146,  
105, 49) }
```

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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