

Converting Colors

YIQ(148.6270, 98.5320,
-12.5720)

Have a look what the booklet for
YIQ(148.6270, 98.5320, -12.5720)
contains.

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Color

**YIQ(148.6270, 98.5320,
-12.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8212
RGB	235, 130, 18
RGB Percent	92%, 51%, 7%
CMY	0.0783, 0.4903, 0.9289
CMYK	0.00, 0.45, 0.92, 0.08
HSL	31°, 86%, 50%
HSV	31°, 92%, 92%
XYZ	42.3630, 33.6675, 4.8432
YIQ	148.6270, 98.5320, -12.5720

Conversions

Conversions Part 2

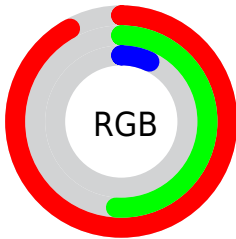
Format	Color
R _Y B	221, 235, 18
Decimal	15434258
CIE Lab	64.70, 34.10, 68.27
CIE LCh	65, 76.312, 63.461
Yxy	33.6675, 0.5238, 0.4163
Android (android.graphics.Color)	4293624338 (0xFFEB8212)
YUV	148.6270, -64.3991, 75.7491
Hunter-Lab	58.0237, 28.7811, 35.6677

Details

The YIQ color **148.6270, 98.5320, -12.5720** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **104.3730, -98.5320, 12.5720**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **193.2590, 76.0210, -17.6030**, and **97.8010, 80.7870, -4.8530** is the 20% darker color. If you saturate the color by 10%, you get **141.2920, 106.7850, -13.4630**, and if you desaturate by 10%, it is **157.8200, 87.8030, -10.8610**.

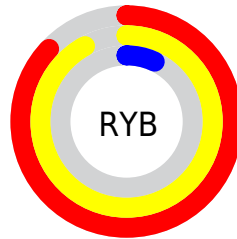
Distribution



Red (92%)

Green (51%)

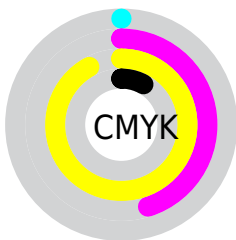
Blue (7%)



Red (87%)

Yellow (92%)

Blue (7%)

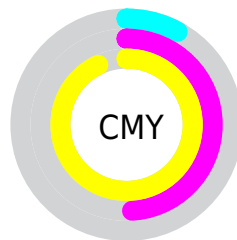


Cyan (0%)

Magenta (45%)

Yellow (92%)

Black (8%)



Cyan (8%)

Magenta (49%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6270, 98.5320, -12.5720 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 148.6270, 98.5320, -12.5720 by changing the saturation by 10% instead.

148.6270, 98.5320,
-12.5720

148.6270, 98.5320,
-12.5720

255.0000, -0.0000,
-0.0000

121.7450, 92.3880,
-11.3560

193.2590, 76.0210,
-17.6030

97.8010, 80.7870,
-4.8530

212.7730, 59.6540,
-23.8500

74.7430, 69.5070,
1.3390

232.2870, 43.2870,
-30.0970

50.7990, 57.9060,
7.8420

244.2840, 30.1740,
-29.2340

26.2790, 48.0470,
15.8150

247.4760, 21.1860,
-20.5260

16.4450, 32.7800,
11.6600

250.7820, 11.8770,

7.2900, 13.9830,

-11.5070

5.3990

254.0880, 2.5680,
-2.4880

0.0000, 0.0000,
0.0000

148.6270, 98.5320,
-12.5720

148.6270, 98.5320,
-12.5720

141.2920,
106.7850, -13.4630

157.8200, 87.8030,
-10.8610

167.4860, 77.1200,
-9.9840

176.6790, 66.3910,
-8.2730

186.3450, 55.7080,
-7.3960

195.5380, 44.9790,
-5.6850

■ 204.6170, 34.5710,
-4.2850

■ 214.3970, 23.5670,
-3.0970

■ 223.4760, 13.1590,
-1.6970

■ 232.6690, 2.4300,
0.0140

Harmonies

Analogous

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



143.5750, 97.4240, 29.5520



148.6270, 98.5320, -12.5720



146.2780, 64.7010, -43.7390

Triad

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



148.6270, 98.5320, -12.5720



128.9380, -104.0230, -47.6310



157.6500, -20.6400, 43.6800

Complementary

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



148.6270, 98.5320, -12.5720



104.3730, -98.5320, 12.5720

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.



124.7510, -126.6800, -5.9440



148.6270, 98.5320, -12.5720



136.1030, -125.5760, -25.9600

Square

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



148.6270, 98.5320, -12.5720



118.4960, -80.1320, -67.6200



134.7300, -131.3550, -14.8350



157.2090, 47.3500, 67.0140

Rectangle

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



148.6270, 98.5320, -12.5720



140.1660, 35.1770, -59.3430



134.7300, -131.3550, -14.8350



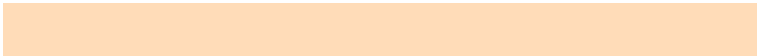
150.6630, -49.0180, 29.3340

Sweetspot

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



148.6270, 98.5320, -12.5720



226.3610, 32.4160, -3.7760



95.3090, 94.3430, 79.9030



110.0700, 20.1740, -2.1780



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.



148.6270, 98.5320, -12.5720



153.1420, 115.9550, -14.4530



210.2620, 69.6570, -67.4870



112.8110, 4.9060, -0.8060



108.7100, 82.3010, -10.2670



32.5820, 24.4840, -3.1960

Inverse Universe

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



104.3730, -98.5320, 12.5720



101.8580, -115.9550, 14.4530



42.7380, -69.6570, 67.4870



110.1890, -4.9060, 0.8060



72.2900, -82.3010, 10.2670



21.4180, -24.4840, 3.1960

Previews

White Background



This preview shows how the YIQ color 148.6270, 98.5320, -12.5720 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 148.6270, 98.5320, -12.5720 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 148.6270, 98.5320, -12.5720

Background



This preview shows how black text looks on a background with the YIQ color 148.6270, 98.5320, -12.5720.



This preview shows how white text looks on a background with the YIQ color 148.6270, 98.5320, -12.5720.

-12.5720.

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

148.6270, 98.5320, -12.5720

Protanopia

148.7470, 53.3750, -36.7130

Deuteranopia

146.9640, 77.6290, -35.7390



Tritanopia

157.3080, 67.4390, 27.8150

Trichromacy



Original Color

148.6270, 98.5320, -12.5720

Protanomaly

148.8140, 69.6040, -27.9640

Deuteranomaly

147.5400, 85.0550, -27.1450

Tritanomaly

154.0960, 79.1790, 13.2830

Monochromacy



Original Color

148.6270, 98.5320, -12.5720

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.6880, 35.8090, -4.6950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6270, 98.5320, -12.5720 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(235, 130, 18)` looks like.

```
.text, #text, p{  
    color:rgb(235, 130, 18)  
}
```

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(235, 130, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 130, 18) }
```

Border

The CSS property to change the border of an element to YIQ 148.6270, 98.5320, -12.5720 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(235, 130, 18) }
```


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

```
.border{ border-color:rgb(235, 130, 18) }
```

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

Here you see how a box with a 4 pixel rgb(235, 130, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 130, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 130, 18);  
box-shadow:4px 4px 4px 4px rgb(235, 130,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6270, 98.5320, -12.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 130, 18) }
```

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

```
.background{ background-color: rgb(235,  
130, 18) }
```

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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