

Converting Colors

YIQ(150.0610, 94.3140,
-13.2220)

Have a look what the booklet for
YIQ(150.0610, 94.3140, -13.2220)
contains.

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Color

**YIQ(150.0610, 94.3140,
-13.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	E88517
RGB	232, 133, 23
RGB Percent	91%, 52%, 9%
CMY	0.0900, 0.4786, 0.9093
CMYK	0.00, 0.43, 0.90, 0.09
HSL	32°, 82%, 50%
HSV	32°, 90%, 91%
XYZ	41.8302, 33.9889, 5.1726
YIQ	150.0610, 94.3140, -13.2220

Conversions

Conversions Part 2

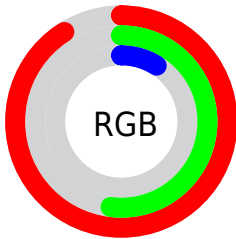
Format	Color
RYB	211, 232, 23
Decimal	15238423
CIELab	64.95, 31.39, 67.14
CIELCh	65, 74.114, 64.946
Yxy	33.9889, 0.5165, 0.4197
Android (android.graphics.Color)	4293428503 (0xFFE88517)
YUV	150.0610, -62.6411, 71.8605
Hunter-Lab	58.3000, 26.0487, 35.5495

Details

The YIQ color **150.0610, 94.3140, -13.2220** 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 **104.9390, -94.3140, 13.2220**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3620, 74.2330, -18.2390**, and **98.9640, 78.7700, -6.8460** is the 20% darker color. If you saturate the color by 10%, you get **140.9820, 104.7220, -14.6220**, and if you desaturate by 10%, it is **159.1400, 83.9060, -11.8220**.

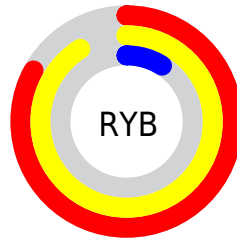
Distribution



Red (91%)

Green (52%)

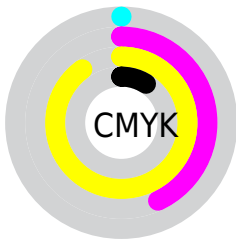
Blue (9%)



Red (83%)

Yellow (91%)

Blue (9%)

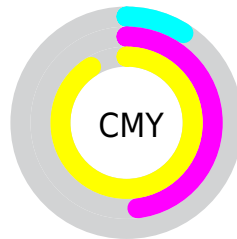


Cyan (0%)

Magenta (43%)

Yellow (90%)

Black (9%)



Cyan (9%)


Magenta (48%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.0610, 94.3140, -13.2220 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 150.0610, 94.3140, -13.2220 by changing the saturation by 10% instead.


 150.0610, 94.3140,
-13.2220


 150.0610, 94.3140,
-13.2220


255.0000, -0.0000,
-0.0000


 122.9080, 90.3710,
-13.3490


 195.3620, 74.2330,
-18.2390


 98.9640, 78.7700,
-6.8460


 214.8760, 57.8660,
-24.4860


 75.6070, 66.8940,
-0.8660


 234.3900, 41.4990,
-30.7330

 52.5490, 55.6140,
5.3260

 244.6260, 29.2110,
-28.3010

 29.2030, 45.2050,
12.2530

 247.8180, 20.2230,
-19.5930

 15.8470, 31.5880,
11.2360

 251.1240, 10.9140,

 6.2790, 12.5160,

-10.5740

4.4520

254.4300, 1.6050,
-1.5550

0.0000, 0.0000,
0.0000

150.0610, 94.3140,
-13.2220

150.0610, 94.3140,
-13.2220

140.9820,
104.7220, -14.6220

159.1400, 83.9060,
-11.8220

168.3330, 73.1770,
-10.1110

177.4120, 62.7690,
-8.7110

186.4910, 52.3610,
-7.3110

195.5700, 41.9530,
-5.9110

■ 204.6490, 31.5450,
-4.5110

■ 213.8420, 20.8160,
-2.8000

■ 222.9210, 10.4080,
-1.4000

■ 232.0000, -0.0000,
0.0000

Harmonies

Analogous

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



146.3960, 96.3700, 26.6260



150.0610, 94.3140, -13.2220



146.2670, 63.2340, -44.6860

Triad

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



150.0610, 94.3140, -13.2220



129.3940, -105.3070, -46.3870



159.4440, -17.0640, 44.9520

Complementary

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



150.0610, 94.3140, -13.2220



104.9390, -94.3140, 13.2220

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.



124.1640, -126.4050, -5.4210



150.0610, 94.3140, -13.2220



136.2170, -125.8970, -25.6490

Square

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



150.0610, 94.3140, -13.2220



119.1800, -82.0580, -65.7540



134.1430, -131.0800, -14.3120



158.2260, 48.6800, 64.9360

Rectangle

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



150.0610, 94.3140, -13.2220



140.1550, 33.7100, -60.2900



134.1430, -131.0800, -14.3120



153.6530, -43.0580, 31.4540

Sweetspot

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



150.0610, 94.3140, -13.2220



227.7630, 31.2240, -4.2000



97.0050, 92.1430, 75.7190



111.5860, 18.6610, -2.2910



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.



150.0610, 94.3140, -13.2220



154.9030, 115.1300, -16.0220



207.2770, 65.3010, -65.6350



110.1100, 5.5020, -0.5940



108.6990, 80.8340, -11.2140



31.0980, 22.9710, -3.3090

Inverse Universe

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



104.9390, -94.3140, 13.2220



100.0970, -115.1300, 16.0220



48.0220, -64.7050, 65.8470



107.8900, -5.5020, 0.5940



70.3010, -80.8340, 11.2140



19.9020, -22.9710, 3.3090

Previews

White Background



This preview shows how the YIQ color 150.0610, 94.3140, -13.2220 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 150.0610, 94.3140, -13.2220 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 150.0610, 94.3140, -13.2220

Background



This preview shows how black text looks on a background with the YIQ color 150.0610, 94.3140, -13.2220.



This preview shows how white text looks on a background with the YIQ color 150.0610, 94.3140, -13.2220.

-13.2220.

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

150.0610, 94.3140, -13.2220

Protanopia

149.3880, 53.0080, -35.5680

Deuteranopia

147.8500, 77.9500, -36.0500



Tritanopia

158.8130, 64.4590, 26.7550

Trichromacy



Original Color

150.0610, 94.3140, -13.2220

Protanomaly

149.7430, 68.3660, -27.5540

Deuteranomaly

148.8280, 84.1840, -27.8800

Tritanomaly

155.4160, 75.2820, 12.3220

Monochromacy



Original Color

150.0610, 94.3140, -13.2220

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.2040, 34.2960, -4.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.0610, 94.3140, -13.2220 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(232, 133, 23)` looks like.

```
.text, #text, p{  
    color:rgb(232, 133, 23)  
}
```

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(232, 133, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 133, 23) }
```

Border

The CSS property to change the border of an element to YIQ 150.0610, 94.3140, -13.2220 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(232, 133, 23) }
```


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

```
.border{ border-color:rgb(232, 133, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 133, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 133, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 133, 23);  
box-shadow:4px 4px 4px 4px rgb(232, 133,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 150.0610, 94.3140, -13.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 133, 23) }
```

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

```
.background{ background-color: rgb(232,  
133, 23) }
```

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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