

Converting Colors

YIQ(147.8720, 91.1930, 4.8010)

Have a look what the booklet for
YIQ(147.8720, 91.1930, 4.8010)
contains.

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Color

**YIQ(147.8720, 91.1930,
4.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	EE7837
RGB	238, 120, 55
RGB Percent	93%, 47%, 22%
CMY	0.0664, 0.5296, 0.7839
CMYK	0.00, 0.50, 0.77, 0.07
HSL	21°, 84%, 57%
HSV	21°, 77%, 93%
XYZ	42.6831, 31.8856, 7.5325
YIQ	147.8720, 91.1930, 4.8010

Conversions

Conversions Part 2

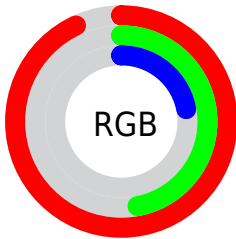
Format	Color
R _Y B	238, 156, 55
Decimal	15628343
CIE Lab	63.25, 41.30, 54.53
CIE LCh	63, 68.409, 52.858
Yxy	31.8856, 0.5199, 0.3884
Android (android.graphics.Color)	4293818423 (0xFFEE7837)
YUV	147.8720, -45.7859, 79.0423
Hunter-Lab	56.4673, 36.1086, 31.6180

Details

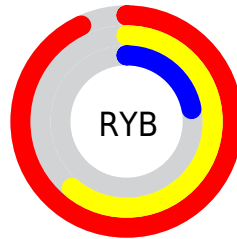
The YIQ color **147.8720, 91.1930, 4.8010** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **145.1280, -91.1930, -4.8010**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4670, 70.1040, -3.9760**, and **92.2410, 85.6000, 1.5360** is the 20% darker color. If you saturate the color by 10%, you get **136.3310, 103.0220, 5.1820**, and if you desaturate by 10%, it is **159.4130, 79.3640, 4.4200**.

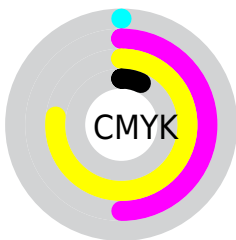
Distribution



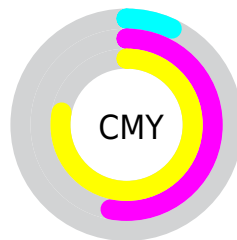
- Red (93%)
- Green (47%)
- Blue (22%)



- Red (93%)
- Yellow (61%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (77%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.8720, 91.1930, 4.8010 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 147.8720, 91.1930, 4.8010 by changing the saturation by 10% instead.

147.8720, 91.1930,
4.8010

147.8720, 91.1930,
4.8010

255.0000, -0.0000,
-0.0000

120.3770, 88.2130,
3.7410

190.4670, 70.1040,
-3.9760

92.2410, 85.6000,
1.5360

209.8670, 54.0580,
-10.5340

68.0090, 74.8700,
8.7740

229.9680, 37.4160,
-17.3040

42.0160, 64.9650,
17.5810

247.2480, 21.8280,
-21.1480

25.4150, 50.6600,
18.0200

250.4400, 12.8400,
-12.4400

17.3420, 34.5680,
12.2960

253.7460, 3.5310,

7.5890, 14.5790,

-3.4210

5.6110

■ 0.0000, 0.0000,
0.0000

■ 147.8720, 91.1930,
4.8010

■ 147.8720, 91.1930,
4.8010

■ 136.3310,
103.0220, 5.1820

■ 159.4130, 79.3640,
4.4200

■ 124.2030,
115.1260, 6.0860

■ 171.5410, 67.2600,
3.5160

■ 120.4700,
118.7480, 6.5240

■ 183.0820, 55.4310,
3.1350

■ 194.5090, 43.9230,
2.4430

■ 206.6370, 31.8190,
1.5390

218.1780, 19.9900,
1.1580

230.3060, 7.8860,
0.2540

241.8470, -3.9430,
-0.1270

249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



145.1370, 90.2700, 38.0620



147.8720, 91.1930, 4.8010



143.4200, 76.3450, -34.4950

Triad

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



147.8720, 91.1930, 4.8010



121.1640, -93.1560, -51.8440



149.7880, -47.8720, 30.5920

Complementary

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



147.8720, 91.1930, 4.8010



145.1280, -91.1930, -4.8010

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.



125.9250, -127.2300, -6.9900



147.8720, 91.1930, 4.8010



128.9330, -113.6540, -32.7740

Square

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



147.8720, 91.1930, 4.8010



126.8230, -41.2080, -57.1760



132.2850, -128.6040, -15.1320



156.7710, 21.8600, 55.3960

Rectangle

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



147.8720, 91.1930, 4.8010



139.9880, 50.7180, -49.1380



132.2850, -128.6040, -15.1320



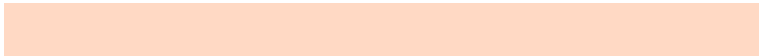
138.3380, -82.2560, 14.9600

Sweetspot

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



147.8720, 91.1930, 4.8010



225.9680, 29.3890, 1.5250



123.2830, 70.8690, 75.8050



109.8080, 18.1560, 1.3560



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.



147.8720, 91.1930, 4.8010



139.5730, 116.9600, 5.8880



201.2890, 66.1680, -42.7920



113.9360, 6.0520, 0.4520



93.1710, 91.7890, 5.0130



28.4840, 27.8760, 1.4120

Inverse Universe

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



145.1280, -91.1930, -4.8010



136.0140, -117.2350, -6.4110



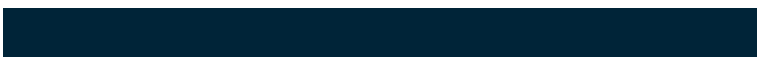
92.2980, -66.4430, 42.2690



114.0640, -6.0520, -0.4520



90.8290, -91.7890, -5.0130



27.5160, -27.8760, -1.4120

Previews

White Background



This preview shows how the YIQ color 147.8720, 91.1930, 4.8010 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 147.8720, 91.1930, 4.8010 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 147.8720, 91.1930, 4.8010

Background



This preview shows how black text looks on a background with the YIQ color 147.8720, 91.1930, 4.8010.



This preview shows how white text looks on a background with the YIQ color 147.8720, 91.1930,

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

147.8720, 91.1930, 4.8010

Protanopia

148.9370, 38.7010, -24.0750

Deuteranopia

148.4680, 59.1950, -21.0370



Tritanopia

152.1840, 73.7200, 29.6240

Trichromacy



Original Color

147.8720, 91.1930, 4.8010

Protanomaly

148.6130, 57.5890, -13.9550

Deuteranomaly

148.6100, 70.8390, -11.7930

Tritanomaly

150.9100, 80.0030, 20.3790

Monochromacy



Original Color

147.8720, 91.1930, 4.8010

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.1210, 33.3320, 1.6520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.8720, 91.1930, 4.8010 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(238, 120, 55)` looks like.

```
.text, #text, p{  
    color:rgb(238, 120, 55)  
}
```

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(238, 120, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 120, 55) }
```

Border

The CSS property to change the border of an element to YIQ 147.8720, 91.1930, 4.8010 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(238, 120, 55) }
```


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

```
.border{ border-color:rgb(238, 120, 55) }
```

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

Here you see how a box with a 4 pixel rgb(238, 120, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 120, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 120, 55);  
box-shadow:4px 4px 4px 4px rgb(238, 120,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 147.8720, 91.1930, 4.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 120, 55) }
```

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

```
.background{ background-color: rgb(238,  
120, 55) }
```

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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