

Converting Colors

YIQ(64.3240, 33.8380, -7.5220)

Have a look what the booklet for
YIQ(64.3240, 33.8380, -7.5220)
contains.

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Color

**YIQ(64.3240, 33.8380,
-7.5220)**

Conversions

Conversions Part 1

Format	Color
Hex	5C3C0E
RGB	92, 60, 14
RGB Percent	36%, 24%, 5%
CMY	0.6392, 0.7647, 0.9449
CMYK	0.00, 0.35, 0.85, 0.64
HSL	35°, 74%, 21%
HSV	35°, 85%, 36%
XYZ	6.1096, 5.5381, 1.1640
YIQ	64.3240, 33.8380, -7.5220

Conversions

Conversions Part 2

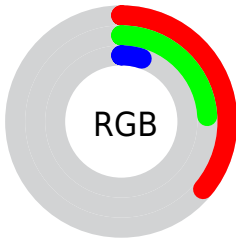
Format	Color
R_{YB}	68, 92, 14
Decimal	6044686
CIE _{Lab}	28.22, 9.71, 32.18
CIE _{LCh}	28, 33.608, 73.215
Yxy	5.5381, 0.4769, 0.4323
Android (android.graphics.Color)	4284234766 (0xFF5C3C0E)
YUV	64.3240, -24.8097, 24.2719
Hunter-Lab	23.5331, 5.1585, 13.5407

Details

The YIQ color **64.3240, 33.8380, -7.5220** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **41.6760, -33.8380, 7.5220**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.3030, 38.3310, -6.3490**, and **22.8250, 19.4860, -0.7220** is the 20% darker color. If you saturate the color by 10%, you get **60.9500, 37.8270, -8.2290**, and if you desaturate by 10%, it is **67.6980, 29.8490, -6.8150**.

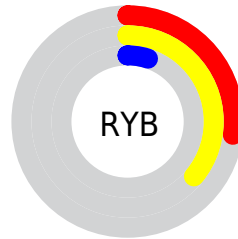
Distribution



Red (36%)

Green (24%)

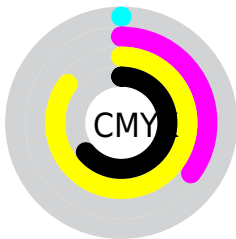
Blue (5%)



Red (27%)

Yellow (36%)

Blue (5%)

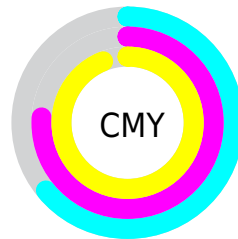


Cyan (0%)

Magenta (35%)

Yellow (85%)

Black (64%)



Cyan (64%)


Magenta (76%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 64.3240, 33.8380, -7.5220 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 64.3240, 33.8380, -7.5220 by changing the saturation by 10% instead.


 64.3240, 33.8380,
-7.5220


 64.3240, 33.8380,
-7.5220


 253.7460, 3.5310,
-3.4210


 42.3390, 29.4820,
-5.6700

 113.3030, 38.3310,
-6.3490


 22.8250, 19.4860,
-0.7220


 138.7870, 39.8440,
-6.2360

 1.4950, 2.9800,
1.0600

 166.1570, 41.6780,
-6.4340

 0.0000, 0.0000,
0.0000

 192.9400, 43.7870,
-6.1090

 219.6300, 41.7240,
-7.2680

 239.1440, 25.3570,

-13.5150

■ 250.5540, 12.5190,
-12.1290

■ 64.3240, 33.8380,
-7.5220

■ 64.3240, 33.8380,
-7.5220

■ 60.9500, 37.8270,
-8.2290

■ 67.6980, 29.8490,
-6.8150

■ 59.2060, 39.9820,
-8.7380

■ 71.0720, 25.8600,
-6.1080

■ 73.9730, 21.8250,
-4.5670

■ 77.3470, 17.8360,
-3.8600

■ 80.7210, 13.8470,
-3.1530

■ 84.0950, 9.8580,
-2.4460

■ 86.8820, 6.1440,
-1.2160

■ 90.3700, 1.8340,
-0.1980

■ 93.7440, -2.1550,
0.5090

Harmonies

Analogous

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



65.2900, 40.3460, 6.6980



64.3240, 33.8380, -7.5220



62.2740, 18.9390, -18.3490

Triad

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



64.3240, 33.8380, -7.5220



55.2650, -46.7630, -17.0590



69.0720, 0.6380, 21.4860

Complementary

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



64.3240, 33.8380, -7.5220



41.6760, -33.8380, 7.5220

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.



63.4420, -33.0590, 9.9250



64.3240, 33.8380, -7.5220



57.3000, -53.8710, -9.3830

Square

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



64.3240, 33.8380, -7.5220



51.6000, -37.8210, -24.9330



56.0750, -57.3110, -2.1030



67.4570, 24.4790, 24.4390

Rectangle

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



64.3240, 33.8380, -7.5220



60.3800, 3.9010, -21.1470



56.0750, -57.3110, -2.1030



68.4020, -9.2190, 18.4050

Sweetspot

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



64.3240, 33.8380, -7.5220



109.5360, 12.9300, -3.0540



41.0840, 35.8950, 26.7990



54.8390, 7.7030, -1.9370



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



64.3240, 33.8380, -7.5220



77.5570, 51.9950, -11.6930



81.3140, 21.4620, -25.5300



44.2560, 2.1550, -0.5090



71.0450, 47.6850, -10.6750



153.0430, 102.7520, -22.9760

Inverse Universe

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



41.6760, -33.8380, 7.5220



42.4430, -51.9950, 11.6930



24.9850, -20.8660, 25.7420



42.7440, -2.1550, 0.5090



38.9550, -47.6850, 10.6750



83.9570, -102.7520, 22.9760

Previews

White Background



This preview shows how the YIQ color 64.3240, 33.8380, -7.5220 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

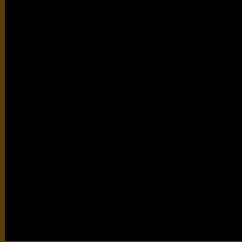
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.3240, 33.8380, -7.5220

Background



This preview shows how black text looks on a background with the YIQ color 64.3240, 33.8380, -7.5220.



This preview shows how white text looks on a background with the YIQ color 64.3240, 33.8380,

-7.5220.

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

64.3240, 33.8380, -7.5220

Protanopia

63.5780, 21.1390, -14.1650

Deuteranopia

64.3510, 29.2080, -11.7200



Tritanopia

67.8180, 21.3640, 9.3000

Trichromacy



Original Color

64.3240, 33.8380, -7.5220

Protanomaly

63.4970, 25.8610, -11.6350

Deuteranomaly

64.7750, 30.9500, -10.2500

Tritanomaly

66.1680, 25.9500, 3.2780

Monochromacy



Original Color

64.3240, 33.8380, -7.5220

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.3510, 12.0130, -2.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.3240, 33.8380, -7.5220 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(92, 60, 14)` looks like.

```
.text, #text, p{  
    color:rgb(92, 60, 14)  
}
```

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(92, 60, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 60, 14) }
```

Border

The CSS property to change the border of an element to YIQ 64.3240, 33.8380, -7.5220 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(92, 60, 14) }
```


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

```
.border{ border-color:rgb(92, 60, 14) }
```

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

Here you see how a box with a 4 pixel rgb(92, 60, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 60, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 60, 14);  
box-shadow:4px 4px 4px 4px rgb(92, 60, 14)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.3240, 33.8380, -7.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 60, 14) }
```

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

```
.background{ background-color: rgb(92, 60,  
14) }
```

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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