

Converting Colors

YIQ(184.7320, 68.0400, 0.3920)

Have a look what the booklet for
YIQ(184.7320, 68.0400, 0.3920)
contains.

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Color

**YIQ(184.7320, 68.0400,
0.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA66E
RGB	250, 166, 110
RGB Percent	98%, 65%, 43%
CMY	0.0194, 0.3491, 0.5683
CMYK	0.00, 0.34, 0.56, 0.02
HSL	24°, 93%, 71%
HSV	24°, 56%, 98%
XYZ	55.8880, 48.7188, 21.2327
YIQ	184.7320, 68.0400, 0.3920

Conversions

Conversions Part 2

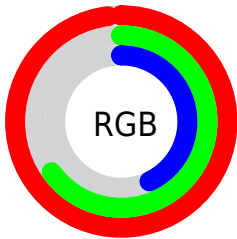
Format	Color
R _Y B	250, 203, 110
Decimal	16426606
CIE Lab	75.28, 25.46, 41.39
CIE LCh	75, 48.595, 58.410
Yxy	48.7188, 0.4441, 0.3872
Android (android.graphics.Color)	4294616686 (0xFFFAA66E)
YUV	184.7320, -36.8429, 57.2400
Hunter-Lab	69.7989, 20.7770, 30.8233

Details

The YIQ color **184.7320, 68.0400, 0.3920** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **175.2680, -68.0400, -0.3920**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.5540, 38.8820, -10.8300**, and **130.6820, 62.3090, -0.3710** is the 20% darker color. If you saturate the color by 10%, you get **173.0770, 80.1900, 0.4620**, and if you desaturate by 10%, it is **196.3870, 55.8900, 0.3220**.

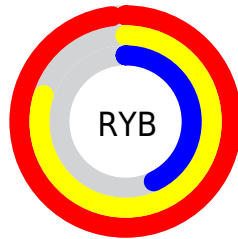
Distribution



Red (98%)

Green (65%)

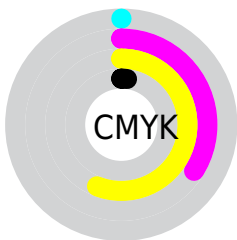
Blue (43%)



Red (98%)

Yellow (80%)

Blue (43%)

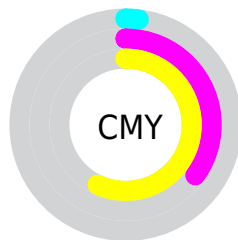


Cyan (0%)

Magenta (34%)

Yellow (56%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.7320, 68.0400, 0.3920 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 184.7320, 68.0400, 0.3920 by changing the saturation by 10% instead.

184.7320, 68.0400,
0.3920

184.7320, 68.0400,
0.3920

255.0000, -0.0000,
-0.0000

157.0630, 65.6100,
0.3780

224.5540, 38.8820,
-10.8300

130.6820, 62.3090,
-0.3710

244.6550, 22.2400,
-17.6000

104.3010, 59.0080,
-1.1200

250.7820, 11.8770,
-11.5070

78.9910, 56.9450,
-2.2790

254.0880, 2.5680,
-2.4880

55.1630, 50.7090,
0.6050

33.5780, 39.4750,
5.9630

14.6510, 29.2040,

10.3880

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,
0.0000

■ 184.7320, 68.0400,
0.3920

■ 184.7320, 68.0400,
0.3920

■ 173.0770, 80.1900,
0.4620

■ 196.3870, 55.8900,
0.3220

■ 161.4220, 92.3400,
0.5320

■ 208.0420, 43.7400,
0.2520

■ 149.7670,
104.4900, 0.6020

■ 219.6970, 31.5900,
0.1820

■ 138.1120,
116.6400, 0.6720

■ 231.3520, 19.4400,
0.1120

133.4500,
121.5000, 0.7000

243.0070, 7.2900,
0.0420

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



181.9990, 63.6350, 19.6590



184.7320, 68.0400, 0.3920



181.8350, 47.9160, -20.3720

Triad

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



184.7320, 68.0400, 0.3920



146.6170, -107.5530, -49.7370



187.4090, -19.1240, 27.2120

Complementary

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



184.7320, 68.0400, 0.3920



175.2680, -68.0400, -0.3920

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.



172.8810, -71.2040, 1.8840



184.7320, 68.0400, 0.3920



147.9740, -130.0670, -38.1870

Square

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



184.7320, 68.0400, 0.3920



169.7510, -31.5370, -39.7050



147.6440, -137.4050, -26.3410



190.7690, 24.2010, 40.4970

Rectangle

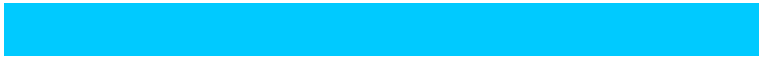
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



184.7320, 68.0400, 0.3920



178.9030, 26.8730, -29.9830



147.6440, -137.4050, -26.3410



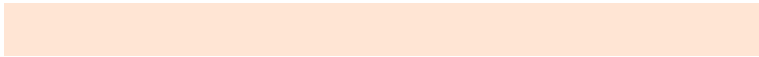
183.1680, -34.8030, 19.5090

Sweetspot

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



184.7320, 68.0400, 0.3920



234.8360, 20.9530, 0.2250



161.6640, 55.8340, 56.4260



115.6440, 12.7460, 0.2820



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.



184.7320, 68.0400, 0.3920



175.0450, 83.2160, 0.6880



224.6480, 49.3400, -35.1720



118.8220, 6.3730, 0.1410



100.5360, 92.0190, 0.8430



32.3270, 29.7560, 0.3800

Inverse Universe

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



175.2680, -68.0400, -0.3920



163.9550, -83.2160, -0.6880



135.3520, -49.3400, 35.1720



118.1780, -6.3730, -0.1410



87.8770, -91.7440, -0.3200



28.6730, -29.7560, -0.3800

Previews

White Background



This preview shows how the YIQ color 184.7320, 68.0400, 0.3920 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 184.7320, 68.0400, 0.3920 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 184.7320, 68.0400, 0.3920

Background



This preview shows how black text looks on a background with the YIQ color 184.7320, 68.0400, 0.3920.



This preview shows how white text looks on a background with the YIQ color 184.7320, 68.0400,

0.3920.

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

184.7320, 68.0400, 0.3920

Protanopia

183.0320, 31.3640, -17.7560

Deuteranopia

183.7850, 51.3530, -11.0710



Tritanopia

188.3710, 53.9600, 24.2960

Trichromacy



Original Color

184.7320, 68.0400, 0.3920

Protanomaly

183.6640, 44.3840, -11.4240

Deuteranomaly

184.2420, 57.4960, -6.7600

Tritanomaly

187.0260, 59.0050, 15.4610

Monochromacy



Original Color

184.7320, 68.0400, 0.3920

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.9890, 24.8960, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.7320, 68.0400, 0.3920 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(250, 166, 110)` looks like.

```
.text, #text, p{  
    color:rgb(250, 166, 110)  
}
```

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(250, 166, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 166, 110) }
```

Border

The CSS property to change the border of an element to YIQ 184.7320, 68.0400, 0.3920 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(250, 166, 110) }
```


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

```
.border{ border-color:rgb(250, 166, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 166, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 166, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 166, 110);  
box-shadow:4px 4px 4px 4px rgb(250, 166,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 184.7320, 68.0400, 0.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 166, 110) }
```

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

```
.background{ background-color: rgb(250,  
166, 110) }
```

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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