

Converting Colors

YIQ(182.9360, 74.8320,
-34.6080)

Have a look what the booklet for
YIQ(182.9360, 74.8320, -34.6080)
contains.

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Color

**YIQ(182.9360, 74.8320,
-34.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B929
RGB	233, 185, 41
RGB Percent	91%, 73%, 16%
CMY	0.0863, 0.2746, 0.8388
CMYK	0.00, 0.21, 0.82, 0.09
HSL	45°, 81%, 54%
HSV	45°, 82%, 91%
XYZ	51.3530, 52.1748, 9.4715
YIQ	182.9360, 74.8320, -34.6080

Conversions

Conversions Part 2

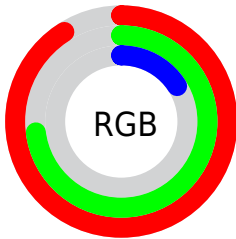
Format	Color
RYB	105, 233, 41
Decimal	15317289
CIELab	77.39, 4.71, 72.39
CIELCh	77, 72.545, 86.275
Yxy	52.1748, 0.4545, 0.4617
Android (android.graphics.Color)	4293507369 (0xFFE9B929)
YUV	182.9360, -69.9744, 43.9061
Hunter-Lab	72.2322, 0.4973, 42.7880

Details

The YIQ color **182.9360, 74.8320, -34.6080** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **91.0640, -74.8320, 34.6080**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1120, 53.6050, -40.8830**, and **129.2110, 66.8080, -32.3600** is the 20% darker color. If you saturate the color by 10%, you get **176.7920, 83.8650, -38.6230**, and if you desaturate by 10%, it is **189.0800, 65.7990, -30.5930**.

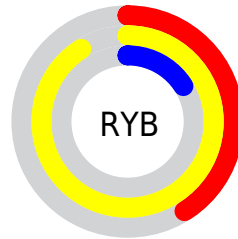
Distribution



Red (91%)

Green (73%)

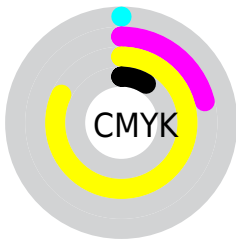
Blue (16%)



Red (41%)

Yellow (91%)

Blue (16%)

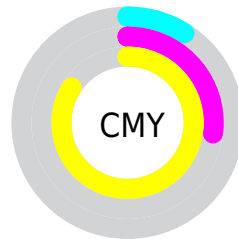


Cyan (0%)

Magenta (21%)

Yellow (82%)

Black (9%)



Cyan (9%)

Magenta (27%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.9360, 74.8320, -34.6080 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 182.9360, 74.8320, -34.6080 by changing the saturation by 10% instead.

182.9360, 74.8320,
-34.6080

182.9360, 74.8320,
-34.6080

255.0000, -0.0000,
-0.0000

153.4430, 77.5380,
-39.5980

229.1120, 53.6050,
-40.8830

129.2110, 66.8080,
-32.3600

240.5220, 40.7670,
-39.4970

105.5660, 55.8030,
-25.6450

243.8280, 31.4580,
-30.4780

82.8070, 45.1190,
-19.2410

247.0200, 22.4700,
-21.7700

61.5210, 34.4810,
-13.6710

250.3260, 13.1610,
-12.7510

40.5340, 24.4390,
-7.8890

253.6320, 3.8520,

21.3190, 15.0390,

-3.7320

-2.7290

■ 0.0000, 0.0000,
0.0000

■ 182.9360, 74.8320,
-34.6080

■ 182.9360, 74.8320,
-34.6080

■ 176.7920, 83.8650,
-38.6230

■ 189.0800, 65.7990,
-30.5930

■ 172.3920, 90.7430,
-42.1290

■ 195.3380, 56.4450,
-26.2670

■ 200.8950, 47.6870,
-21.7290

■ 207.0390, 38.6540,
-17.7140

■ 213.2970, 29.3000,
-13.3880

■ 219.4410, 20.2670,
-9.3730

■ 225.5850, 11.2340,
-5.3580

■ 231.8430, 1.8800,
-1.0320

■ 237.4000, -6.8780,
3.5060

Harmonies

Analogous

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



178.4700, 83.2170, -4.8390



182.9360, 74.8320, -34.6080



177.1790, 25.1350, -53.5610

Triad

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



182.9360, 74.8320, -34.6080



159.2870, -141.2540, -39.1900



192.1910, 29.4250, 55.9610

Complementary

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



182.9360, 74.8320, -34.6080



91.0640, -74.8320, 34.6080

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.



185.8920, -25.0380, 24.2580



182.9360, 74.8320, -34.6080



155.8620, -141.2550, -33.6630

Square

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



182.9360, 74.8320, -34.6080



151.4210, -119.1050, -60.6490



147.0570, -137.1300, -25.8180



174.4090, 51.9380, 49.9380

Rectangle

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



182.9360, 74.8320, -34.6080



169.5940, -21.6300, -59.5660



147.0570, -137.1300, -25.8180



193.2880, 18.6060, 48.2860

Sweetspot

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



182.9360, 74.8320, -34.6080



238.3120, 24.9440, -11.5360



104.2220, 98.0610, 56.5650



117.6840, 15.2690, -6.8990



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.



182.9360, 74.8320, -34.6080



189.2910, 98.2170, -45.4230



197.6570, 34.8120, -69.2520



113.9850, 4.3560, -1.8520



133.9510, 70.4760, -32.7560



39.6260, 21.1840, -9.4720

Inverse Universe

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



91.0640, -74.8320, 34.6080



68.7090, -98.2170, 45.4230



76.3430, -34.8120, 69.2520



109.0150, -4.3560, 1.8520



47.0490, -70.4760, 32.7560



13.7870, -20.9090, 9.9950

Previews

White Background



This preview shows how the YIQ color 182.9360, 74.8320, -34.6080 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 182.9360, 74.8320, -34.6080 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 182.9360, 74.8320, -34.6080

Background



This preview shows how black text looks on a background with the YIQ color 182.9360, 74.8320, -34.6080.



This preview shows how white text looks on a background with the YIQ color 182.9360, 74.8320, -34.6080.

-34.6080.

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

182.9360, 74.8320, -34.6080

Protanopia

181.8910, 61.5370, -41.4630

Deuteranopia

183.7950, 79.7830, -30.7210



Tritanopia

194.5260, 37.2260, 19.1940

Trichromacy



Original Color

182.9360, 74.8320, -34.6080

Protanomaly

182.1090, 66.8550, -38.7210

Deuteranomaly

183.3710, 78.0410, -32.1910

Tritanomaly

190.5220, 51.0760, -0.5400

Monochromacy



Original Color

182.9360, 74.8320, -34.6080

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.0410, 27.1450, -12.8790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.9360, 74.8320, -34.6080 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(233, 185, 41)` looks like.

```
.text, #text, p{  
    color:rgb(233, 185, 41)  
}
```

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(233, 185, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 185, 41) }
```

Border

The CSS property to change the border of an element to YIQ 182.9360, 74.8320, -34.6080 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(233, 185, 41) }
```


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

```
.border{ border-color:rgb(233, 185, 41) }
```

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

Here you see how a box with a 4 pixel rgb(233, 185, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 185, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 185, 41);  
box-shadow:4px 4px 4px 4px rgb(233, 185,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 182.9360, 74.8320, -34.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 185, 41) }
```

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

```
.background{ background-color: rgb(233,  
185, 41) }
```

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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