

Converting Colors

YIQ(183.8930, 60.3370, 2.3290)

Have a look what the booklet for
YIQ(183.8930, 60.3370, 2.3290)
contains.

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Color

**YIQ(183.8930, 60.3370,
2.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A679
RGB	243, 166, 121
RGB Percent	95%, 65%, 47%
CMY	0.0469, 0.3491, 0.5252
CMYK	0.00, 0.32, 0.50, 0.05
HSL	22°, 84%, 71%
HSV	22°, 50%, 95%
XYZ	54.0616, 47.7045, 24.4702
YIQ	183.8930, 60.3370, 2.3290

Conversions

Conversions Part 2

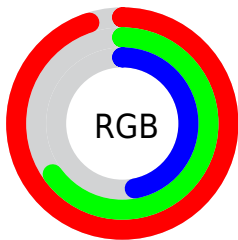
Format	Color
R _Y B	243, 192, 121
Decimal	15967865
CIE Lab	74.64, 23.59, 34.68
CIE LCh	75, 41.940, 55.771
Yxy	47.7045, 0.4283, 0.3779
Android (android.graphics.Color)	4294157945 (0xFFFF3A679)
YUV	183.8930, -31.0062, 51.8368
Hunter-Lab	69.0685, 18.8465, 27.3421

Details

The YIQ color **183.8930, 60.3370, 2.3290** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **180.1070, -60.3370, -2.3290**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **225.8080, 35.3510, -7.4090**, and **130.0280, 55.5230, 1.4670** is the 20% darker color. If you saturate the color by 10%, you get **172.3520, 72.1660, 2.7100**, and if you desaturate by 10%, it is **195.4340, 48.5080, 1.9480**.

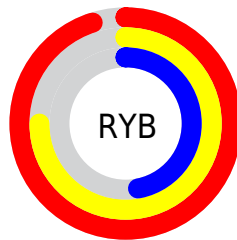
Distribution



Red (95%)

Green (65%)

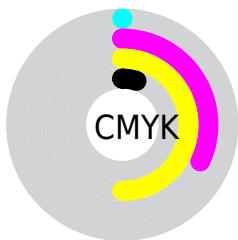
Blue (47%)



Red (95%)

Yellow (75%)

Blue (47%)

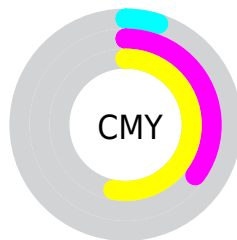


Cyan (0%)

Magenta (32%)

Yellow (50%)

Black (5%)



Cyan (5%)


Magenta (35%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.8930, 60.3370, 2.3290 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 183.8930, 60.3370, 2.3290 by changing the saturation by 10% instead.


 183.8930, 60.3370,
2.3290


 183.8930, 60.3370,
2.3290


255.0000, -0.0000,
-0.0000


 156.2240, 57.9070,
2.3150


 225.8080, 35.3510,
-7.4090


 130.1420, 55.2020,
1.7780


 246.0230, 18.3880,
-13.8680

 104.0600, 52.4970,
1.2410

 252.1500, 8.0250,
-7.7750

 78.9780, 49.7920,
0.7040

 54.3690, 47.1330,
-0.6670

 33.2680, 37.4120,
4.8040

 13.7540, 27.4160,

9.7520

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 183.8930, 60.3370,
2.3290

■ 183.8930, 60.3370,
2.3290

■ 172.3520, 72.1660,
2.7100

■ 195.4340, 48.5080,
1.9480

■ 160.1100, 84.5910,
3.3030

■ 207.6760, 36.0830,
1.3550

■ 148.5690, 96.4200,
3.6840

■ 219.2170, 24.2540,
0.9740

■ 137.0280,
108.2490, 4.0650

■ 230.7580, 12.4250,
0.5930

124.9000,
120.3530, 4.9690

243.0000, 0.0000,
-0.0000

251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



185.1450, 60.2880, 19.7440



183.8930, 60.3370, 2.3290



181.1430, 44.2930, -15.2830

Triad

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



183.8930, 60.3370, 2.3290



162.0520, -68.8130, -35.9570



185.9740, -22.3330, 24.7950

Complementary

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



183.8930, 60.3370, 2.3290



180.1070, -60.3370, -2.3290

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.



174.6970, -64.6940, 5.0500



183.8930, 60.3370, 2.3290



144.3720, -125.4360, -39.5160

Square

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



183.8930, 60.3370, 2.3290



171.8170, -22.7350, -34.0230



153.8270, -115.8110, -21.2110



188.9590, 17.5540, 34.3060

Rectangle

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



183.8930, 60.3370, 2.3290



178.8800, 25.6800, -24.8800



153.8270, -115.8110, -21.2110



182.5700, -35.9950, 19.0850

Sweetspot

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



183.8930, 60.3370, 2.3290



236.5800, 18.7980, 0.7340



166.2560, 47.9950, 49.8110



116.5730, 11.5080, 0.6920



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.



183.8930, 60.3370, 2.3290



180.6190, 75.7880, 3.1480



219.7000, 43.5620, -29.5740



116.5230, 5.7770, -0.0710



96.1170, 91.8810, 3.3450



30.5550, 29.1140, 1.0020

Inverse Universe

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



180.1070, -60.3370, -2.3290



176.3810, -75.7880, -3.1480



144.3000, -43.5620, 29.5740



116.0640, -6.0520, -0.4520



90.4700, -92.1560, -3.8680



28.4450, -29.1140, -1.0020

Previews

White Background



This preview shows how the YIQ color 183.8930, 60.3370, 2.3290 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 183.8930, 60.3370, 2.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

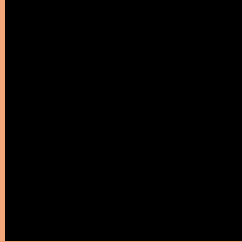
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.8930, 60.3370, 2.3290

Background



This preview shows how black text looks on a background with the YIQ color 183.8930, 60.3370, 2.3290.



This preview shows how white text looks on a background with the YIQ color 183.8930, 60.3370,

2.3290.

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

183.8930, 60.3370, 2.3290

Protanopia

182.1010, 26.9160, -14.2360

Deuteranopia

182.9570, 45.1170, -8.1870



Tritanopia

186.6800, 48.5960, 22.3880

Trichromacy



Original Color

183.8930, 60.3370, 2.3290

Protanomaly

182.4340, 39.3400, -8.1160

Deuteranomaly

183.1150, 50.6640, -4.0880

Tritanomaly

186.0900, 52.9530, 15.0090

Monochromacy



Original Color

183.8930, 60.3370, 2.3290

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.5480, 21.8240, 0.9600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.8930, 60.3370, 2.3290 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(243, 166, 121)` looks like.

```
.text, #text, p{  
    color:rgb(243, 166, 121)  
}
```

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(243, 166, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 166, 121) }
```

Border

The CSS property to change the border of an element to YIQ 183.8930, 60.3370, 2.3290 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(243, 166, 121) }
```


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

```
.border{ border-color:rgb(243, 166, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 166, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 166, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 166, 121);  
box-shadow:4px 4px 4px 4px rgb(243, 166,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 183.8930, 60.3370, 2.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 166, 121) }
```

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

```
.background{ background-color: rgb(243,  
166, 121) }
```

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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