

Converting Colors

YIQ(187.0630, 65.6100, 0.3780)

Have a look what the booklet for
YIQ(187.0630, 65.6100, 0.3780)
contains.

YIQ(187.0630, 65.6100, 0.3780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(187.0630, 65.6100,
0.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA973
RGB	250, 169, 115
RGB Percent	98%, 66%, 45%
CMY	0.0195, 0.3374, 0.5487
CMYK	0.00, 0.32, 0.54, 0.02
HSL	24°, 93%, 72%
HSV	24°, 54%, 98%
XYZ	56.7194, 49.9343, 22.8918
YIQ	187.0630, 65.6100, 0.3780

Conversions

Conversions Part 2

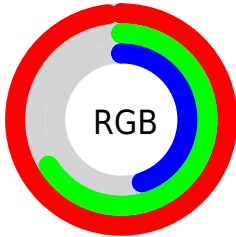
Format	Color
RYP	250, 205, 115
Decimal	16427379
CIELab	76.03, 24.28, 39.75
CIElCh	76, 46.574, 58.583
Yxy	49.9343, 0.4378, 0.3855
Android (android.graphics.Color)	4294617459 (0xFFFAA973)
YUV	187.0630, -35.5271, 55.1957
Hunter-Lab	70.6642, 19.6128, 30.2579

Details

The YIQ color **187.0630, 65.6100, 0.3780** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **177.9370, -65.6100, -0.3780**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.4720, 36.1770, -11.3670**, and **132.3120, 60.4750, -0.1730** is the 20% darker color. If you saturate the color by 10%, you get **175.4080, 77.7600, 0.4480**, and if you desaturate by 10%, it is **198.7180, 53.4600, 0.3080**.

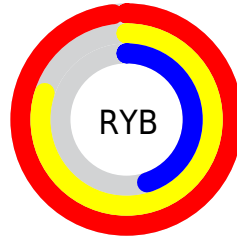
Distribution



Red (98%)

Green (66%)

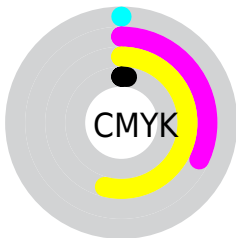
Blue (45%)



Red (98%)

Yellow (80%)

Blue (45%)

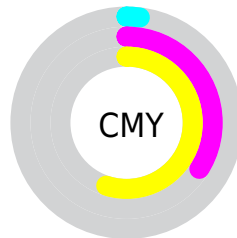


Cyan (0%)

Magenta (32%)

Yellow (54%)

Black (2%)



Cyan (2%)


Magenta (34%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.0630, 65.6100, 0.3780 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 187.0630, 65.6100, 0.3780 by changing the saturation by 10% instead.


 187.0630, 65.6100,
0.3780


 187.0630, 65.6100,
0.3780


255.0000, -0.0000,
-0.0000

 159.3940, 63.1800,
0.3640


 226.8850, 36.4520,
-10.8440

 132.3120, 60.4750,
-0.1730


 246.9860, 19.8100,
-17.6140


 106.3440, 57.4490,
-0.3990

 251.4660, 9.9510,
-9.6410

 80.8490, 54.4690,
-1.4590

254.6580, 0.9630,
-0.9330

 56.9240, 49.8840,
-0.9640

 35.6380, 39.2460,
4.6060

 14.9500, 29.8000,

10.6000

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 187.0630, 65.6100,
0.3780

■ 187.0630, 65.6100,
0.3780

■ 175.4080, 77.7600,
0.4480

■ 198.7180, 53.4600,
0.3080

■ 163.7530, 89.9100,
0.5180

■ 210.3730, 41.3100,
0.2380

■ 152.0980,
102.0600, 0.5880

■ 222.0280, 29.1600,
0.1680

■ 140.4430,
114.2100, 0.6580

■ 233.6830, 17.0100,
0.0980

133.4500,
121.5000, 0.7000

245.3380, 4.8600,
0.0280

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.



184.8030, 61.2510, 18.8110



187.0630, 65.6100, 0.3780



183.9920, 46.0360, -19.3400

Triad

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



187.0630, 65.6100, 0.3780



157.4020, -90.5900, -43.2780



189.1810, -18.4820, 26.5900

Complementary

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



187.0630, 65.6100, 0.3780



177.9370, -65.6100, -0.3780

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.



176.1590, -66.1150, 3.2690



187.0630, 65.6100, 0.3780



148.5610, -130.3420, -38.7100

Square

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



187.0630, 65.6100, 0.3780



172.8760, -30.3910, -38.4470



148.2310, -137.6800, -26.8640



193.1170, 23.1010, 38.4050

Rectangle

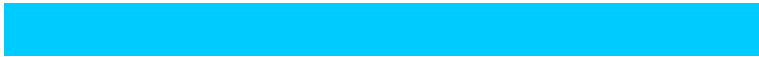
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.0630, 65.6100, 0.3780



181.3590, 25.5890, -28.7390



148.2310, -137.6800, -26.8640



185.5380, -32.9690, 19.3110

Sweetspot

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



187.0630, 65.6100, 0.3780



235.6510, 20.0360, 0.3240



164.8270, 53.8170, 54.4330



116.3450, 12.1500, 0.0700



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.



187.0630, 65.6100, 0.3780



177.3760, 80.7860, 0.6740



225.2180, 47.7350, -33.6170



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.



177.9370, -65.6100, -0.3780



166.6240, -80.7860, -0.6740



139.7820, -47.7350, 33.6170



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 187.0630, 65.6100, 0.3780 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 187.0630, 65.6100, 0.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

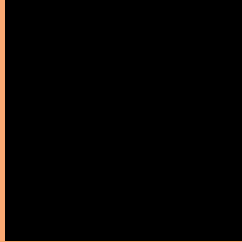
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.0630, 65.6100, 0.3780

Background



This preview shows how black text looks on a background with the YIQ color 187.0630, 65.6100, 0.3780.



This preview shows how white text looks on a background with the YIQ color 187.0630, 65.6100,

0.3780.

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

187.0630, 65.6100, 0.3780

Protanopia

185.2600, 30.7220, -17.1340

Deuteranopia

186.1270, 50.3900, -10.1380



Tritanopia

191.1750, 51.5760, 23.4480

Trichromacy



Original Color

187.0630, 65.6100, 0.3780

Protanomaly

185.8920, 43.7420, -10.8020

Deuteranomaly

186.2850, 55.9370, -6.0390

Tritanomaly

189.9440, 56.3000, 14.9240

Monochromacy



Original Color

187.0630, 65.6100, 0.3780

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.8040, 23.9790, 0.4510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0630, 65.6100, 0.3780 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, 169, 115)` looks like.

```
.text, #text, p{  
    color:rgb(250, 169, 115)  
}
```

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, 169, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 169, 115) }
```

Border

The CSS property to change the border of an element to YIQ 187.0630, 65.6100, 0.3780 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, 169, 115) }
```


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

```
.border{ border-color:rgb(250, 169, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 169, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 169, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 169, 115);  
box-shadow:4px 4px 4px 4px rgb(250, 169,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0630, 65.6100, 0.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 169, 115) }
```

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

```
.background{ background-color: rgb(250,  
169, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor