

Converting Colors

YIQ(204.4770, 54.9760,
-16.1600)

Have a look what the booklet for
YIQ(204.4770, 54.9760, -16.1600)
contains.

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Color

**YIQ(204.4770, 54.9760,
-16.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C874
RGB	247, 200, 116
RGB Percent	97%, 78%, 45%
CMY	0.0313, 0.2157, 0.5448
CMYK	0.00, 0.19, 0.53, 0.03
HSL	38°, 89%, 71%
HSV	38°, 53%, 97%
XYZ	62.1694, 62.3389, 25.3010
YIQ	204.4770, 54.9760, -16.1600

Conversions

Conversions Part 2

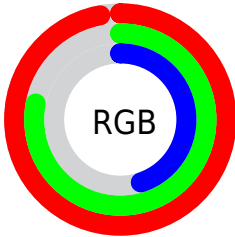
Format	Color
RYB	189, 247, 116
Decimal	16238708
CIELab	83.09, 6.90, 47.89
CIElCh	83, 48.387, 81.802
Yxy	62.3389, 0.4150, 0.4161
Android (android.graphics.Color)	4294428788 (0xFFFF7C874)
YUV	204.4770, -43.6192, 37.2927
Hunter-Lab	78.9550, 2.3803, 36.2691

Details

The YIQ color $204.4770, 54.9760, -16.1600$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $158.5230, -54.9760, 16.1600$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.3100, 27.2850, -26.4350$, and $149.3240, 51.0330, -16.2870$ is the 20% darker color. If you saturate the color by 10%, you get $196.3440, 65.4760, -19.2280$, and if you desaturate by 10%, it is $212.6100, 44.4760, -13.0920$.

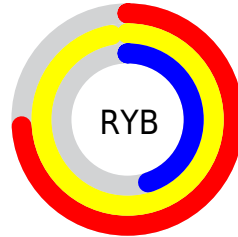
Distribution



Red (97%)

Green (78%)

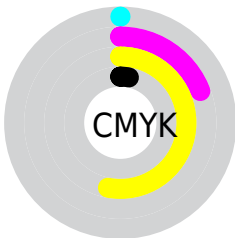
Blue (45%)



Red (74%)

Yellow (97%)

Blue (45%)

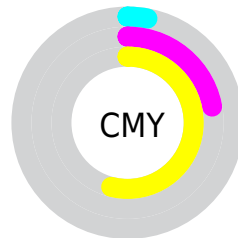


Cyan (0%)

Magenta (19%)

Yellow (53%)

Black (3%)



Cyan (3%)


Magenta (22%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.4770, 54.9760, -16.1600 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 204.4770, 54.9760, -16.1600 by changing the saturation by 10% instead.

 204.4770, 54.9760,
-16.1600


 204.4770, 54.9760,
-16.1600


255.0000, -0.0000,
-0.0000

 176.6940, 52.8670,
-16.4850


 245.3100, 27.2850,
-26.4350


 149.3240, 51.0330,
-16.2870


 248.3880, 18.6180,
-18.0380

 123.1280, 48.6490,
-17.1350

 251.6940, 9.3090,
-9.0190

 96.7750, 48.1450,
-19.0150

 73.3600, 42.1840,
-15.6080

 52.3730, 32.1420,
-9.8260

 32.2720, 22.4210,

-4.3550

■ 11.0080, 14.7170,
3.1090

■ 0.0000, 0.0000,
0.0000

■ 204.4770, 54.9760,
-16.1600

■ 204.4770, 54.9760,
-16.1600

■ 196.3440, 65.4760,
-19.2280

■ 212.6100, 44.4760,
-13.0920

■ 188.3250, 75.6550,
-21.9850

■ 220.6290, 34.2970,
-10.3350

■ 180.1920, 86.1550,
-25.0530

■ 228.7620, 23.7970,
-7.2670

■ 172.0590, 96.6550,
-28.1210

■ 236.3080, 13.5720,
-3.6760

166.5990,
103.7620, -30.2700

244.4410, 3.0720,
-0.6080

251.4340, -4.2180,
-0.6500

252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



199.8710, 57.4030, 0.4350



204.4770, 54.9760, -16.1600



200.5820, 23.3430, -32.0890

Triad

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



204.4770, 54.9760, -16.1600



162.8430, -140.2440, -46.4840



211.8390, 18.0120, 37.0200

Complementary

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



204.4770, 54.9760, -16.1600



158.5230, -54.9760, 16.1600

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.



204.1770, -21.8270, 15.6210



204.4770, 54.9760, -16.1600



161.7320, -144.0050, -38.8930

Square

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



204.4770, 54.9760, -16.1600



181.7150, -75.4140, -42.9820



188.4640, -74.8240, -9.6080



202.4030, 33.7390, 32.8350

Rectangle

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



204.4770, 54.9760, -16.1600



196.1640, -4.8990, -37.8830



188.4640, -74.8240, -9.6080



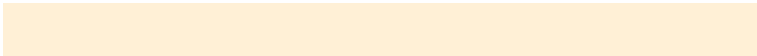
209.6910, 6.5050, 30.8010

Sweetspot

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



204.4770, 54.9760, -16.1600



241.5210, 17.2860, -4.9060



160.6410, 62.6680, 42.7000



119.8670, 10.5000, -3.0680



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.



204.4770, 54.9760, -16.1600



201.7850, 68.5480, -19.8360



226.9830, 31.9190, -44.3450



118.2840, 4.9520, -1.6400



125.4670, 78.1310, -22.8050



39.9470, 24.7140, -7.3660

Inverse Universe

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



158.5230, -54.9760, 16.1600



144.6280, -68.2730, 20.3590



136.3160, -31.3230, 44.5570



114.3030, -5.2270, 1.1170



60.5330, -78.1310, 22.8050



19.0530, -24.7140, 7.3660

Previews

White Background



This preview shows how the YIQ color 204.4770, 54.9760, -16.1600 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 204.4770, 54.9760, -16.1600 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 204.4770, 54.9760, -16.1600

Background



This preview shows how black text looks on a background with the YIQ color 204.4770, 54.9760, -16.1600.



This preview shows how white text looks on a background with the YIQ color 204.4770, 54.9760, -16.1600.

-16.1600.

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

204.4770, 54.9760, -16.1600

Protanopia

202.9480, 40.1680, -23.1280

Deuteranopia

205.2110, 58.7810, -13.5310



Tritanopia

211.0310, 34.2460, 18.1340

Trichromacy



Original Color

204.4770, 54.9760, -16.1600

Protanomaly

203.1660, 45.4860, -20.3860

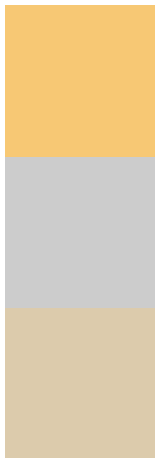
Deuteranomaly

205.2000, 57.3140, -14.4780

Tritanomaly

208.8340, 41.6300, 5.4540

Monochromacy



Original Color

204.4770, 54.9760, -16.1600

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.5490, 20.0830, -6.0370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.4770, 54.9760, -16.1600 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(247, 200, 116)` looks like.

```
.text, #text, p{  
    color:rgb(247, 200, 116)  
}
```

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(247, 200, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 200, 116) }
```

Border

The CSS property to change the border of an element to YIQ 204.4770, 54.9760, -16.1600 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(247, 200, 116) }
```


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

```
.border{ border-color:rgb(247, 200, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 200, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 200, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 200, 116); box-shadow:4px 4px 4px 4px rgb(247, 200, 116) }
```

Background

The CSS property to change the background color of an element to YIQ 204.4770, 54.9760, -16.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 200, 116) }
```

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

```
.background{ background-color: rgb(247,  
200, 116) }
```

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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