

Converting Colors

YIQ(204.8390, 34.0660, -0.6380)

Have a look what the booklet for
YIQ(204.8390, 34.0660, -0.6380)
contains.

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Color

**YIQ(204.8390, 34.0660,
-0.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC4A6
RGB	237, 196, 166
RGB Percent	93%, 77%, 65%
CMY	0.0705, 0.2314, 0.3489
CMYK	0.00, 0.17, 0.30, 0.07
HSL	25°, 66%, 79%
HSV	25°, 30%, 93%
XYZ	61.5544, 60.2347, 44.4780
YIQ	204.8390, 34.0660, -0.6380

Conversions

Conversions Part 2

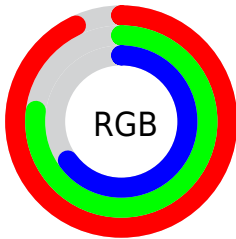
Format	Color
R _Y B	237, 218, 166
Decimal	15582374
CIE Lab	81.97, 10.33, 20.51
CIE LCh	82, 22.962, 63.278
Yxy	60.2347, 0.3702, 0.3623
Android (android.graphics.Color)	4293772454 (0xFFEDC4A6)
YUV	204.8390, -19.1476, 28.2052
Hunter-Lab	77.6110, 5.7517, 20.3493

Details

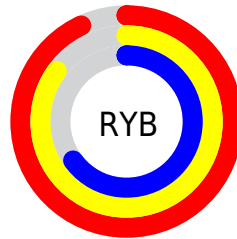
The YIQ color $204.8390, 34.0660, -0.6380$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $198.1610, -34.0660, 0.6380$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9500, 11.4640, -9.5280$, and $150.1700, 31.6360, -0.6520$ is the 20% darker color. If you saturate the color by 10%, you get $193.8850, 45.6200, -0.7800$, and if you desaturate by 10%, it is $215.7930, 22.5120, -0.4960$.

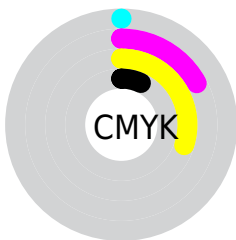
Distribution



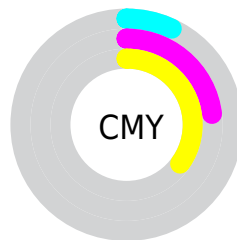
- Red (93%)
- Green (77%)
- Blue (65%)



- Red (93%)
- Yellow (85%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.8390, 34.0660, -0.6380 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 204.8390, 34.0660, -0.6380 by changing the saturation by 10% instead.


 204.8390, 34.0660,
-0.6380


 204.8390, 34.0660,
-0.6380


255.0000, -0.0000,
-0.0000


 177.3550, 32.5530,
-0.7510


 249.9500, 11.4640,
-9.5280


 150.1700, 31.6360,
-0.6520

 254.4300, 1.6050,
-1.5550

 124.5720, 30.4440,
-1.0760

 99.2020, 28.6100,
-0.8780

 74.7180, 27.0970,
-0.9910

 51.9350, 24.9880,
-1.3160

 29.9240, 23.5210,

-2.2630

■ 8.3720, 16.6880,
5.9360

■ 0.0000, 0.0000,
0.0000

■ 204.8390, 34.0660,
-0.6380

■ 204.8390, 34.0660,
-0.6380

■ 193.8850, 45.6200,
-0.7800

■ 215.7930, 22.5120,
-0.4960

■ 183.6320, 56.5780,
-1.1340

■ 226.0460, 11.5540,
-0.1420

■ 172.6780, 68.1320,
-1.2760

■ 237.0000, -0.0000,
-0.0000

■ 161.7240, 79.6860,
-1.4180

■ 247.2700, -9.6280,
-1.7240

■ 150.8840, 90.9190,
-1.2490

■ 249.6180,
-10.7280, -3.8160

■ 140.5170,
102.1980, -1.9140

■ 129.5630,
113.7520, -2.0560

Harmonies

Analogous

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



206.3160, 37.4570, 9.4970



204.8390, 34.0660, -0.6380



202.6970, 22.4220, -9.8820

Triad

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



204.8390, 34.0660, -0.6380



195.3110, -35.2090, -17.2010



206.6750, -5.7340, 15.8180

Complementary

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



204.8390, 34.0660, -0.6380



198.1610, -34.0660, 0.6380

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.



202.7970, -26.8690, 7.8750



204.8390, 34.0660, -0.6380



195.4380, -45.5720, -11.1080

Square

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



204.8390, 34.0660, -0.6380



197.4240, -16.5940, -18.6580



198.3880, -42.1350, -1.8070



207.6190, 15.0350, 19.3790

Rectangle

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



204.8390, 34.0660, -0.6380



201.1900, 10.5480, -14.9560



198.3880, -42.1350, -1.8070



205.2010, -13.2070, 13.5850

Sweetspot

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



204.8390, 34.0660, -0.6380



244.7470, 10.9580, -0.3540



191.9030, 29.1550, 27.8030



121.0070, 7.2900, 0.0420



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.



204.8390, 34.0660, -0.6380



213.4010, 44.1070, -0.8930



225.3840, 24.4410, -18.9430



112.2240, 5.1810, -0.2830



98.7310, 86.9760, -1.3760



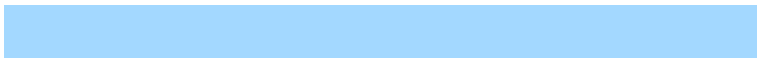
29.6470, 25.8590, -0.5810

Inverse Universe

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



198.1610, -34.0660, 0.6380



204.5990, -44.1070, 0.8930



177.6160, -24.4410, 18.9430



110.7760, -5.1810, 0.2830



82.2690, -86.9760, 1.3760



24.3530, -25.8590, 0.5810

Previews

White Background



This preview shows how the YIQ color 204.8390, 34.0660, -0.6380 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 204.8390, 34.0660, -0.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

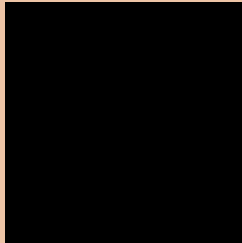
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.8390, 34.0660, -0.6380

Background



This preview shows how black text looks on a background with the YIQ color 204.8390, 34.0660, -0.6380.



This preview shows how white text looks on a background with the YIQ color 204.8390, 34.0660, -0.6380.

-0.6380.

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

204.8390, 34.0660, -0.6380

Protanopia

203.4130, 17.4700, -8.2420

Deuteranopia

204.8390, 34.0660, -0.6380



Tritanopia

206.9590, 25.5810, 15.4770

Trichromacy



Original Color

204.8390, 34.0660, -0.6380

Protanomaly

203.9300, 23.3840, -5.2880

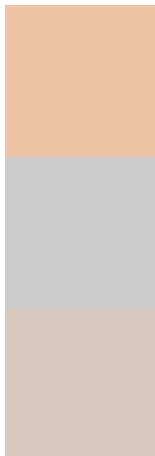
Deuteranomaly

204.8390, 34.0660, -0.6380

Tritanomaly

206.2380, 28.9290, 9.8650

Monochromacy



Original Color

204.8390, 34.0660, -0.6380

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.2310, 12.4710, -0.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.8390, 34.0660, -0.6380 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(237, 196, 166)` looks like.

```
.text, #text, p{  
    color:rgb(237, 196, 166)  
}
```

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(237, 196, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 196, 166) }
```

Border

The CSS property to change the border of an element to YIQ 204.8390, 34.0660, -0.6380 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(237, 196, 166) }
```


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

```
.border{ border-color:rgb(237, 196, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 196, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 196, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 196, 166); box-shadow:4px 4px 4px 4px rgb(237, 196, 166) }
```

Background

The CSS property to change the background color of an element to YIQ 204.8390, 34.0660, -0.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 196, 166) }
```

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

```
.background{ background-color: rgb(237,  
196, 166) }
```

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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