

Converting Colors

YIQ(204.6390, 37.5050, -2.3910)

Have a look what the booklet for
YIQ(204.6390, 37.5050, -2.3910)
contains.

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Color

**YIQ(204.6390, 37.5050,
-2.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC49F
RGB	239, 196, 159
RGB Percent	94%, 77%, 62%
CMY	0.0627, 0.2314, 0.3763
CMYK	0.00, 0.18, 0.33, 0.06
HSL	28°, 71%, 78%
HSV	28°, 33%, 94%
XYZ	61.6012, 60.3307, 41.2197
YIQ	204.6390, 37.5050, -2.3910

Conversions

Conversions Part 2

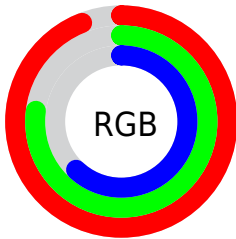
Format	Color
R_{YB}	239, 228, 159
Decimal	15713439
CIE _{Lab}	82.02, 10.21, 24.31
CIE _{LCh}	82, 26.372, 67.221
Yxy	60.3307, 0.3776, 0.3698
Android (android.graphics.Color)	4293903519 (0xFFEFC49F)
YUV	204.6390, -22.5000, 30.1346
Hunter-Lab	77.6728, 5.6383, 22.9067

Details

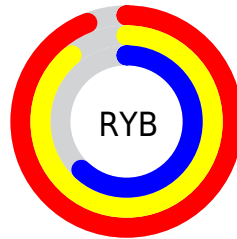
The YIQ color $204.6390, 37.5050, -2.3910$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $193.3610, -37.5050, 2.3910$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1520, 13.7110, -11.7050$, and $149.9700, 35.0750, -2.4050$ is the 20% darker color. If you saturate the color by 10%, you get $194.2720, 48.7840, -3.0560$, and if you desaturate by 10%, it is $215.0060, 26.2260, -1.7260$.

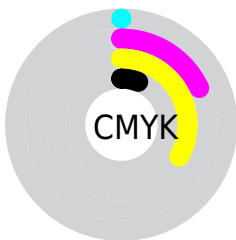
Distribution



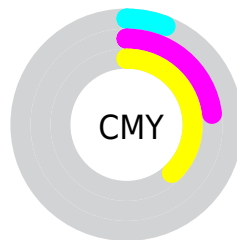
- Red (94%)
- Green (77%)
- Blue (62%)



- Red (94%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (6%)





- Cyan (6%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.6390, 37.5050, -2.3910 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 204.6390, 37.5050, -2.3910 by changing the saturation by 10% instead.


 204.6390, 37.5050,
-2.3910


 204.6390, 37.5050,
-2.3910


255.0000, -0.0000,
-0.0000


 177.1550, 35.9920,
-2.5040


 249.1520, 13.7110,
-11.7050


 149.9700, 35.0750,
-2.4050

 253.5180, 4.1730,
-4.0430

 124.1870, 32.9660,
-2.7300

 98.7030, 31.4530,
-2.8430

 74.9200, 29.3440,
-3.1680

 51.2510, 26.9140,
-3.1820

 29.9240, 23.5210,

-2.2630

■ 8.3720, 16.6880,
5.9360

■ 0.0000, 0.0000,
0.0000

■ 204.6390, 37.5050,
-2.3910

■ 204.6390, 37.5050,
-2.3910

■ 194.2720, 48.7840,
-3.0560

■ 215.0060, 26.2260,
-1.7260

■ 183.9050, 60.0630,
-3.7210

■ 225.3730, 14.9470,
-1.0610

■ 173.5380, 71.3420,
-4.3860

■ 235.7400, 3.6680,
-0.3960

■ 163.7580, 82.3460,
-5.5740

■ 245.5200, -7.3360,
0.7920

■ 153.5050, 93.3040,
-5.9280

■ 250.2160, -9.5360,
-3.3920

■ 143.1380,
104.5830, -6.5930

■ 136.0310,
112.1940, -6.8620

Harmonies

Analogous

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



206.5400, 42.6380, 9.2140



204.6390, 37.5050, -2.3910



202.0020, 22.8810, -12.6950

Triad

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



204.6390, 37.5050, -2.3910



193.3530, -44.1950, -19.5470



207.3380, -3.1670, 18.8570

Complementary

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



204.6390, 37.5050, -2.3910



193.3610, -37.5050, 2.3910

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.



203.0080, -28.8410, 10.5750



204.6390, 37.5050, -2.3910



194.0070, -54.6040, -12.6200

Square

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



204.6390, 37.5050, -2.3910



195.9070, -22.5080, -21.6120



197.9790, -48.2330, -1.4250



208.5380, 19.7570, 21.9090

Rectangle

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



204.6390, 37.5050, -2.3910



200.1250, 9.1730, -17.5710



197.9790, -48.2330, -1.4250



205.7930, -11.8780, 17.0340

Sweetspot

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



204.6390, 37.5050, -2.3910



243.9320, 11.8750, -0.4530



187.9360, 33.5560, 30.6440



120.8930, 7.6110, -0.2690



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.



204.6390, 37.5050, -2.3910



211.0870, 47.8670, -2.9570



227.5320, 26.7800, -22.7880



114.5230, 5.7770, -0.0710



104.9110, 86.2890, -5.4470



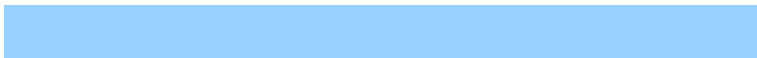
32.0060, 26.2260, -1.7260

Inverse Universe

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



193.3610, -37.5050, 2.3910



196.9130, -47.8670, 2.9570



170.4680, -26.7800, 22.7880



112.8900, -5.5020, 0.5940



79.0890, -86.2890, 5.4470



23.9940, -26.2260, 1.7260

Previews

White Background



This preview shows how the YIQ color 204.6390, 37.5050, -2.3910 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 204.6390, 37.5050, -2.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

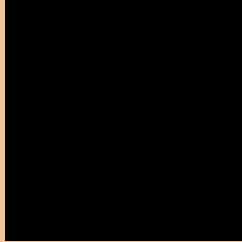
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.6390, 37.5050, -2.3910

Background



This preview shows how black text looks on a background with the YIQ color 204.6390, 37.5050, -2.3910.



This preview shows how white text looks on a background with the YIQ color 204.6390, 37.5050, -2.3910.

-2.3910.

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

204.6390, 37.5050, -2.3910

Protanopia

203.2130, 20.9090, -9.9950

Deuteranopia

204.6390, 37.5050, -2.3910



Tritanopia

207.7420, 27.6900, 15.8020

Trichromacy



Original Color

204.6390, 37.5050, -2.3910

Protanomaly

203.7300, 26.8230, -7.0410

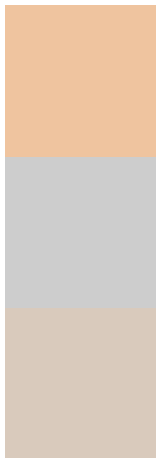
Deuteranomaly

204.6390, 37.5050, -2.3910

Tritanomaly

206.4940, 31.0840, 9.3560

Monochromacy



Original Color

204.6390, 37.5050, -2.3910

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8890, 13.4340, -1.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.6390, 37.5050, -2.3910 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(239, 196, 159)` looks like.

```
.text, #text, p{  
    color:rgb(239, 196, 159)  
}
```

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(239, 196, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 196, 159) }
```

Border

The CSS property to change the border of an element to YIQ 204.6390, 37.5050, -2.3910 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(239, 196, 159) }
```


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

```
.border{ border-color:rgb(239, 196, 159) }
```

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

Here you see how a box with a 4 pixel rgb(239, 196, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 196, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 196, 159);  
box-shadow:4px 4px 4px 4px rgb(239, 196,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 204.6390, 37.5050, -2.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 196, 159) }
```

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

```
.background{ background-color: rgb(239,  
196, 159) }
```

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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