

Converting Colors

YIQ(212.3230, 35.5790, -0.5250)

Have a look what the booklet for
YIQ(212.3230, 35.5790, -0.5250)
contains.

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Color

**YIQ(212.3230, 35.5790,
-0.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CBAC
RGB	246, 203, 172
RGB Percent	96%, 80%, 67%
CMY	0.0352, 0.2040, 0.3253
CMYK	0.00, 0.17, 0.30, 0.04
HSL	25°, 80%, 82%
HSV	25°, 30%, 96%
XYZ	66.8156, 65.2801, 48.1297
YIQ	212.3230, 35.5790, -0.5250

Conversions

Conversions Part 2

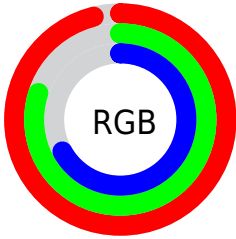
Format	Color
R _{YB}	246, 225, 172
Decimal	16173996
CIE _{Lab}	84.63, 10.84, 21.14
CIE _{LCh}	85, 23.761, 62.860
Yxy	65.2801, 0.3707, 0.3622
Android (android.graphics.Color)	4294364076 (0xFFF6CBAC)
YUV	212.3230, -19.8792, 29.5347
Hunter-Lab	80.7961, 6.2200, 21.2386

Details

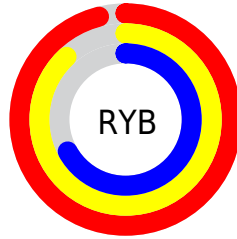
The YIQ color $212.3230, 35.5790, -0.5250$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $205.6770, -35.5790, 0.5250$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.8080, 8.9880, -8.7080$, and $157.6540, 33.1490, -0.5390$ is the 20% darker color. If you saturate the color by 10%, you get $201.2550, 47.4540, -0.9780$, and if you desaturate by 10%, it is $223.3910, 23.7040, -0.0720$.

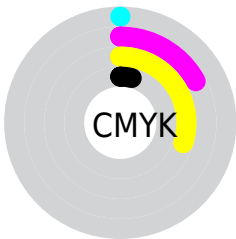
Distribution



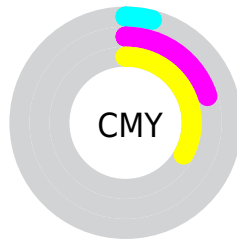
- Red (96%)
- Green (80%)
- Blue (67%)



- Red (96%)
- Yellow (88%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.3230, 35.5790, -0.5250 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 212.3230, 35.5790, -0.5250 by changing the saturation by 10% instead.

 212.3230, 35.5790,
-0.5250


 212.3230, 35.5790,
-0.5250


255.0000, -0.0000,
-0.0000


 184.7250, 34.3870,
-0.9490


 251.9220, 8.6670,
-8.3970

 157.6540, 33.1490,
-0.5390

 131.1700, 31.6360,
-0.6520

 105.6860, 30.1230,
-0.7650

 81.2020, 28.6100,
-0.8780

 58.1200, 25.9050,
-1.4150

 35.1800, 25.6760,

-2.7720

■ 15.1610, 18.6600,
3.2360

■ 0.0000, 0.0000,
0.0000

■ 212.3230, 35.5790,
-0.5250

■ 212.3230, 35.5790,
-0.5250

■ 201.2550, 47.4540,
-0.9780

■ 223.3910, 23.7040,
-0.0720

■ 189.7140, 59.2830,
-0.5970

■ 234.9320, 11.8750,
-0.4530

■ 178.6460, 71.1580,
-1.0500

■ 246.0000, -0.0000,
-0.0000

■ 167.6920, 82.7120,
-1.1920

■ 252.3090, -5.3640,
-1.9080

■ 156.0370, 94.8620,
-1.1220

■ 144.9690,
106.7370, -1.5750

■ 134.0150,
118.2910, -1.7170

Harmonies

Analogous

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



213.3160, 37.4570, 9.4970



212.3230, 35.5790, -0.5250



209.8820, 23.3390, -9.9810

Triad

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



212.3230, 35.5790, -0.5250



202.4140, -36.9970, -17.8370



213.9030, -6.3760, 16.4400

Complementary

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



212.3230, 35.5790, -0.5250



205.6770, -35.5790, 0.5250

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.



209.7260, -28.1070, 8.2850



212.3230, 35.5790, -0.5250



202.5410, -47.3600, -11.7440

Square

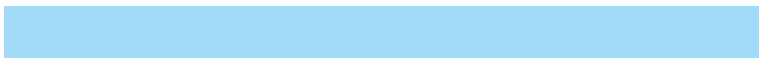
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.3230, 35.5790, -0.5250



204.5980, -17.1440, -19.7040



205.4910, -43.9230, -2.4430



215.0320, 15.3100, 19.9020

Rectangle

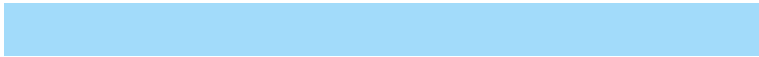
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.3230, 35.5790, -0.5250



208.3750, 11.4650, -15.0550



205.4910, -43.9230, -2.4430



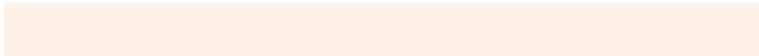
212.4290, -13.8490, 14.2070

Sweetspot

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



212.3230, 35.5790, -0.5250



244.7470, 10.9580, -0.3540



199.0280, 30.3010, 29.0610



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.



212.3230, 35.5790, -0.5250



213.4010, 44.1070, -0.8930



234.0420, 25.4040, -19.8760



116.5230, 5.7770, -0.0710



101.4000, 89.4060, -1.3620



32.3160, 28.2890, -0.5670

Inverse Universe

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



205.6770, -35.5790, 0.5250



205.1860, -44.3820, 0.3700



183.9580, -25.4040, 19.8760



115.4770, -5.7770, 0.0710



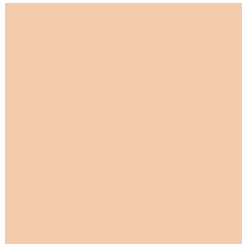
84.6000, -89.4060, 1.3620



26.6840, -28.2890, 0.5670

Previews

White Background



This preview shows how the YIQ color 212.3230, 35.5790, -0.5250 looks on a white background.

Color Contrast Check

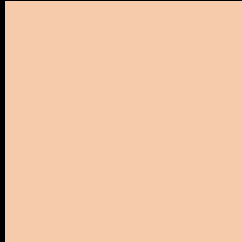
Large Text (above 18pt) WCAG AA × Fail

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 212.3230, 35.5790, -0.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

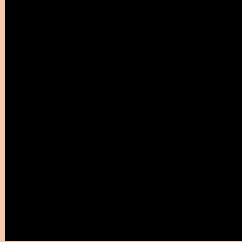
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.3230, 35.5790, -0.5250

Background



This preview shows how black text looks on a background with the YIQ color 212.3230, 35.5790, -0.5250.



This preview shows how white text looks on a background with the YIQ color 212.3230, 35.5790,

-0.5250.

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

212.3230, 35.5790, -0.5250

Protanopia

210.5980, 18.3870, -8.3410

Deuteranopia

212.0240, 34.9830, -0.7370



Tritanopia

214.9700, 27.0480, 16.4240

Trichromacy



Original Color

212.3230, 35.5790, -0.5250

Protanomaly

211.1150, 24.3010, -5.3870

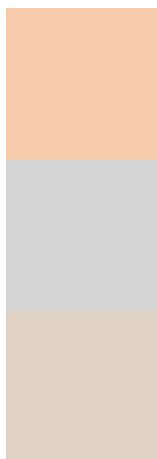
Deuteranomaly

212.0240, 34.9830, -0.7370

Tritanomaly

213.8360, 30.1210, 10.2890

Monochromacy



Original Color

212.3230, 35.5790, -0.5250

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.1170, 12.7920, -0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.3230, 35.5790, -0.5250 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(246, 203, 172)` looks like.

```
.text, #text, p{  
    color:rgb(246, 203, 172)  
}
```

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(246, 203, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 203, 172) }
```

Border

The CSS property to change the border of an element to YIQ 212.3230, 35.5790, -0.5250 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(246, 203, 172) }
```


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

```
.border{ border-color:rgb(246, 203, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 203, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 203, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 203, 172);  
box-shadow:4px 4px 4px 4px rgb(246, 203,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 212.3230, 35.5790, -0.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 203, 172) }
```

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

```
.background{ background-color: rgb(246,  
203, 172) }
```

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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