

Converting Colors

YIQ(208.9090, 45.0720,
-12.8800)

Have a look what the booklet for
YIQ(208.9090, 45.0720, -12.8800)
contains.

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Color

**YIQ(208.9090, 45.0720,
-12.8800)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CD89
RGB	244, 205, 137
RGB Percent	96%, 80%, 54%
CMY	0.0431, 0.1961, 0.4625
CMYK	0.00, 0.16, 0.44, 0.04
HSL	38°, 83%, 75%
HSV	38°, 44%, 96%
XYZ	63.6596, 64.6979, 32.8219
YIQ	208.9090, 45.0720, -12.8800

Conversions

Conversions Part 2

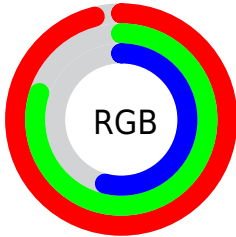
Format	Color
R _Y B	198, 244, 137
Decimal	16043401
CIE Lab	84.33, 5.02, 38.88
CIE LCh	84, 39.201, 82.644
Yxy	64.6979, 0.3950, 0.4014
Android (android.graphics.Color)	4294233481 (0xFFF4CD89)
YUV	208.9090, -35.4511, 30.7748
Hunter-Lab	80.4350, 0.5110, 32.1110

Details

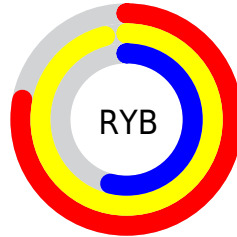
The YIQ color **208.9090, 45.0720, -12.8800** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **172.0910, -45.0720, 12.8800**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.7040, 20.5440, -19.9040**, and **154.0550, 41.7250, -12.7950** is the 20% darker color. If you saturate the color by 10%, you get **200.8900, 55.2510, -15.6370**, and if you desaturate by 10%, it is **216.9280, 34.8930, -10.1230**.

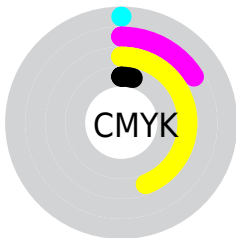
Distribution



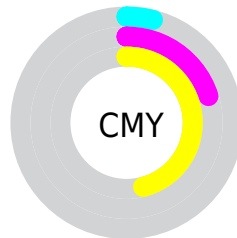
- Red (96%)
- Green (80%)
- Blue (54%)



- Red (78%)
- Yellow (96%)
- Blue (54%)



- Cyan (0%)
- Magenta (16%)
- Yellow (44%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.9090, 45.0720, -12.8800 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 208.9090, 45.0720, -12.8800 by changing the saturation by 10% instead.

208.9090, 45.0720,
-12.8800

208.9090, 45.0720,
-12.8800

255.0000, -0.0000,
-0.0000

181.4250, 43.5590,
-12.9930

247.7040, 20.5440,
-19.9040

154.0550, 41.7250,
-12.7950

250.8960, 11.5560,
-11.1960

127.5710, 40.2120,
-12.9080

254.2020, 2.2470,
-2.1770

101.9020, 37.7820,
-12.9220

77.3640, 36.3610,
-14.7030

55.0200, 31.6380,
-11.7060

34.9190, 21.9170,

-6.2350

■ 14.8290, 13.6630,
0.1830

■ 0.0000, 0.0000,
0.0000

■ 208.9090, 45.0720,
-12.8800

■ 208.9090, 45.0720,
-12.8800

■ 200.8900, 55.2510,
-15.6370

■ 216.9280, 34.8930,
-10.1230

■ 192.7570, 65.7510,
-18.7050

■ 225.0610, 24.3930,
-7.0550

■ 184.7380, 75.9300,
-21.4620

■ 233.0800, 14.2140,
-4.2980

■ 176.6050, 86.4300,
-24.5300

■ 241.2130, 3.7140,
-1.2300

■ 168.5860, 96.6090,
-27.2870

■ 248.7760, -5.1810,
0.2830

■ 163.9410,
102.7990, -29.3370

■ 251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



206.3910, 50.0670, 1.2270



208.9090, 45.0720, -12.8800



205.3460, 18.4360, -25.7560

Triad

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



208.9090, 45.0720, -12.8800



186.9590, -90.1800, -28.6760



215.6380, 14.0240, 32.2000

Complementary

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



208.9090, 45.0720, -12.8800



172.0910, -45.0720, 12.8800

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.



209.2160, -17.5630, 15.4370



208.9090, 45.0720, -12.8800



189.5390, -88.5770, -19.1770

Square

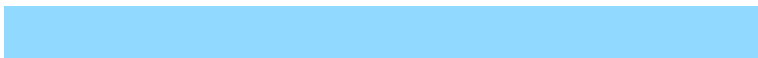
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208.9090, 45.0720, -12.8800



193.3910, -56.5260, -32.8620



199.8040, -55.1100, -3.4460



208.8600, 30.7140, 27.0820

Rectangle

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



208.9090, 45.0720, -12.8800



202.0920, -4.3960, -30.4760



199.8040, -55.1100, -3.4460



213.8000, 4.5800, 27.1400

Sweetspot

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



208.9090, 45.0720, -12.8800



244.1940, 13.8930, -3.9870



173.4390, 51.2530, 34.8130



120.9100, 8.9410, -2.3470



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

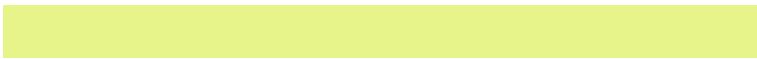
The Same Dimension uses a secret algorithm to generate beautiful new colors.



208.9090, 45.0720, -12.8800



210.8470, 56.8100, -16.3580



227.6160, 26.0030, -36.2450



118.2840, 4.9520, -1.6400



124.8800, 78.4060, -22.2820



39.3600, 24.9890, -6.8430

Inverse Universe

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



172.0910, -45.0720, 12.8800



164.1530, -56.8100, 16.3580



153.3840, -26.0030, 36.2450



114.3030, -5.2270, 1.1170



61.1200, -78.4060, 22.2820



19.0530, -24.7140, 7.3660

Previews

White Background



This preview shows how the YIQ color 208.9090, 45.0720, -12.8800 looks on a white background.

Color Contrast Check

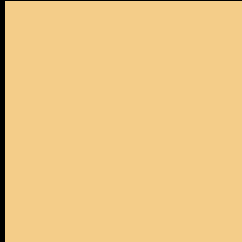
Large Text (above 18pt) WCAG AA × Fail

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 208.9090, 45.0720, -12.8800 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 208.9090, 45.0720, -12.8800

Background



This preview shows how black text looks on a background with the YIQ color 208.9090, 45.0720, -12.8800.



This preview shows how white text looks on a background with the YIQ color 208.9090, 45.0720, -12.8800.

-12.8800.

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

208.9090, 45.0720, -12.8800

Protanopia

208.1740, 33.8400, -18.5760

Deuteranopia

209.3660, 51.2150, -8.5690



Tritanopia

214.1550, 27.9650, 16.3250

Trichromacy



Original Color

208.9090, 45.0720, -12.8800

Protanomaly

208.3810, 37.6910, -16.7810

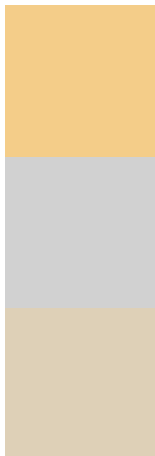
Deuteranomaly

209.0560, 49.1520, -9.7280

Tritanomaly

211.9410, 34.0190, 5.7230

Monochromacy



Original Color

208.9090, 45.0720, -12.8800

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.3360, 16.3690, -4.8070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.9090, 45.0720, -12.8800 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(244, 205, 137)` looks like.

```
.text, #text, p{  
    color:rgb(244, 205, 137)  
}
```

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(244, 205, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 205, 137) }
```

Border

The CSS property to change the border of an element to YIQ 208.9090, 45.0720, -12.8800 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(244, 205, 137) }
```


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

```
.border{ border-color:rgb(244, 205, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 205, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 205, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 205, 137);  
box-shadow:4px 4px 4px 4px rgb(244, 205,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 208.9090, 45.0720, -12.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 205, 137) }
```

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

```
.background{ background-color: rgb(244,  
205, 137) }
```

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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