

Converting Colors

YIQ(212.9900, 65.5720,
-43.0040)

Have a look what the booklet for
YIQ(212.9900, 65.5720, -43.0040)
contains.

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Color

**YIQ(212.9900, 65.5720,
-43.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DF43
RGB	249, 223, 67
RGB Percent	98%, 87%, 26%
CMY	0.0236, 0.1255, 0.7369
CMYK	0.00, 0.10, 0.73, 0.02
HSL	51°, 94%, 62%
HSV	51°, 73%, 98%
XYZ	66.4644, 73.3138, 15.9734
YIQ	212.9900, 65.5720, -43.0040

Conversions

Conversions Part 2

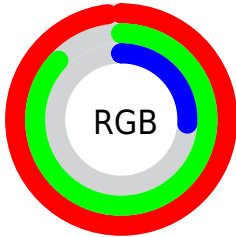
Format	Color
R _Y B	97, 249, 67
Decimal	16375619
CIE Lab	88.60, -7.05, 74.86
CIE LCh	89, 75.190, 95.380
Yxy	73.3138, 0.4267, 0.4707
Android (android.graphics.Color)	4294565699 (0xFFFF9DF43)
YUV	212.9900, -71.9731, 31.5808
Hunter-Lab	85.6235, -11.2822, 48.8756

Details

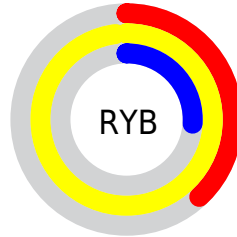
The YIQ color **212.9900, 65.5720, -43.0040** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **103.0100, -65.5720, 43.0040**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1800, 41.7300, -40.4300**, and **155.1270, 66.4440, -47.7960** is the 20% darker color. If you saturate the color by 10%, you get **207.7920, 74.6970, -48.6870**, and if you desaturate by 10%, it is **218.1880, 56.4470, -37.3210**.

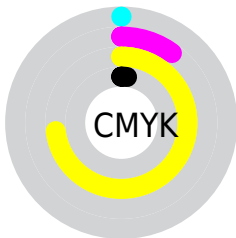
Distribution



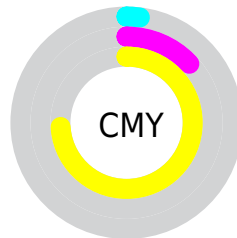
- Red (98%)
- Green (87%)
- Blue (26%)



- Red (38%)
- Yellow (98%)
- Blue (26%)



- Cyan (0%)
- Magenta (10%)
- Yellow (73%)
- Black (2%)



- Cyan (2%)
- Magenta (13%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.9900, 65.5720, -43.0040 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 212.9900, 65.5720, -43.0040 by changing the saturation by 10% instead.

212.9900, 65.5720,
-43.0040

212.9900, 65.5720,
-43.0040

255.0000, -0.0000,
-0.0000

183.7080, 66.3060,
-45.2940

240.1800, 41.7300,
-40.4300

155.1270, 66.4440,
-47.7960

243.3720, 32.7420,
-31.7220

130.8950, 55.7140,
-40.5580

246.6780, 23.4330,
-22.7030

107.5490, 45.3050,
-33.6310

249.9840, 14.1240,
-13.6840

84.5020, 35.4920,
-26.4920

253.4040, 4.4940,
-4.3540

62.6290, 25.1290,
-20.3990

41.9410, 15.6830,

-14.4050

■ 23.0250, 6.8790,
-9.0330

■ 0.0000, 0.0000,
0.0000

■ 212.9900, 65.5720,
-43.0040

■ 212.9900, 65.5720,
-43.0040

■ 207.7920, 74.6970,
-48.6870

■ 218.1880, 56.4470,
-37.3210

■ 203.1810, 83.5470,
-54.8930

■ 222.7990, 47.5970,
-31.1150

■ 199.4820, 89.8290,
-58.6110

■ 227.9970, 38.4720,
-25.4320

■ 232.6080, 29.6220,
-19.2260

■ 237.8060, 20.4970,
-13.5430

■ 242.3030, 11.9680,
-7.6480

■ 247.5010, 2.8430,
-1.9650

■ 250.8580, -2.4760,
0.8200

■ 253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



202.0300, 69.2360, -21.2920



212.9900, 65.5720, -43.0040



205.2520, 5.6960, -59.2000

Triad

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



212.9900, 65.5720, -43.0040



178.7550, -151.9800, -54.0600



204.5180, 23.6500, 44.9780

Complementary

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



212.9900, 65.5720, -43.0040



103.0100, -65.5720, 43.0040

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.



217.9530, 8.5230, 27.2670



212.9900, 65.5720, -43.0040



173.4720, -149.5050, -49.3530

Square

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



212.9900, 65.5720, -43.0040



176.3610, -145.2390, -60.5910



189.8380, -87.9810, -18.9650



191.9850, 41.0280, 38.4040

Rectangle

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



212.9900, 65.5720, -43.0040



194.3610, -48.9550, -65.4590



189.8380, -87.9810, -18.9650



209.8010, 21.1750, 40.2710

Sweetspot

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



212.9900, 65.5720, -43.0040



243.9200, 20.1760, -13.2320



124.4960, 99.8050, 46.9810



121.1890, 12.2890, -7.9590



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.



212.9900, 65.5720, -43.0040



210.6800, 80.7040, -52.9280



209.1160, 20.2780, -70.1700



122.3440, 4.7230, -2.9970



151.6050, 68.0940, -44.6580



48.7630, 22.0560, -14.2640

Inverse Universe

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



103.0100, -65.5720, 43.0040



75.3200, -80.7040, 52.9280



106.8840, -20.2780, 70.1700



114.6560, -4.7230, 2.9970



37.3950, -68.0940, 44.6580



12.2370, -22.0560, 14.2640

Previews

White Background



This preview shows how the YIQ color 212.9900, 65.5720, -43.0040 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 212.9900, 65.5720, -43.0040 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 212.9900, 65.5720, -43.0040

Background



This preview shows how black text looks on a background with the YIQ color 212.9900, 65.5720, -43.0040.



This preview shows how white text looks on a background with the YIQ color 212.9900, 65.5720, -43.0040.

-43.0040.

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

212.9900, 65.5720, -43.0040

Protanopia

212.9900, 65.5720, -43.0040

Deuteranopia

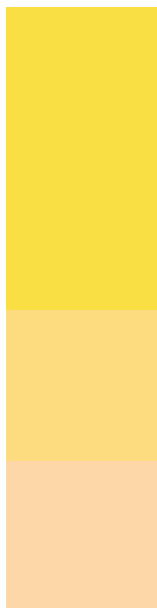
221.5050, 40.5780, -8.5260



Tritanopia

225.6380, 22.0510, 13.3710

Trichromacy



Original Color

212.9900, 65.5720, -43.0040

Protanomaly

212.9900, 65.5720, -43.0040

Deuteranomaly

218.6780, 49.7960, -21.4040

Tritanomaly

220.8900, 38.0560, -6.8720

Monochromacy



Original Color

212.9900, 65.5720, -43.0040

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1930, 23.6610, -15.8190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.9900, 65.5720, -43.0040 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(249, 223, 67)` looks like.

```
.text, #text, p{  
    color:rgb(249, 223, 67)  
}
```

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(249, 223, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 67) }
```

Border

The CSS property to change the border of an element to YIQ 212.9900, 65.5720, -43.0040 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(249, 223, 67) }
```


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

```
.border{ border-color:rgb(249, 223, 67) }
```

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

Here you see how a box with a 4 pixel rgb(249, 223, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 223, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 223, 67);  
box-shadow:4px 4px 4px 4px rgb(249, 223,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 212.9900, 65.5720, -43.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 223, 67) }
```

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

```
.background{ background-color: rgb(249,  
223, 67) }
```

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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