

Converting Colors

YIQ(212.9320, 54.2920,
-36.8120)

Have a look what the booklet for
YIQ(212.9320, 54.2920, -36.8120)
contains.

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Color

**YIQ(212.9320, 54.2920,
-36.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DE5A
RGB	242, 222, 90
RGB Percent	95%, 87%, 35%
CMY	0.0510, 0.1294, 0.6467
CMYK	0.00, 0.08, 0.63, 0.05
HSL	52°, 85%, 65%
HSV	52°, 63%, 95%
XYZ	64.5828, 71.8531, 20.1561
YIQ	212.9320, 54.2920, -36.8120

Conversions

Conversions Part 2

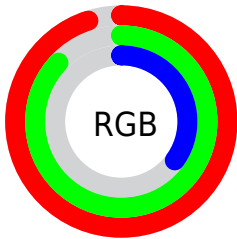
Format	Color
RYB	113, 242, 90
Decimal	15916634
CIELab	87.90, -8.26, 65.15
CIELCh	88, 65.672, 97.229
Yxy	71.8531, 0.4124, 0.4589
Android (android.graphics.Color)	4294106714 (0xFFFF2DE5A)
YUV	212.9320, -60.6055, 25.4926
Hunter-Lab	84.7662, -12.3430, 45.2381

Details

The YIQ color **212.9320, 54.2920, -36.8120** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **119.0680, -54.2920, 36.8120**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4600, 35.3100, -34.2100**, and **156.2800, 53.1920, -38.9040** is the 20% darker color. If you saturate the color by 10%, you get **208.4350, 62.8210, -42.7070**, and if you desaturate by 10%, it is **217.4290, 45.7630, -30.9170**.

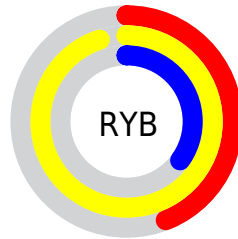
Distribution



Red (95%)

Green (87%)

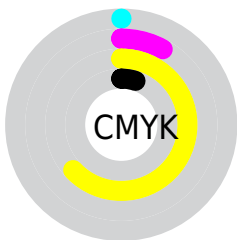
Blue (35%)



Red (44%)

Yellow (95%)

Blue (35%)

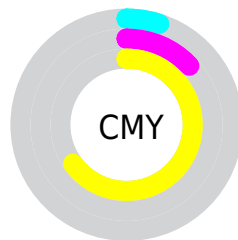


Cyan (0%)

Magenta (8%)

Yellow (63%)

Black (5%)



Cyan (5%)

Magenta (13%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.9320, 54.2920, -36.8120 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 212.9320, 54.2920, -36.8120 by changing the saturation by 10% instead.

212.9320, 54.2920,
-36.8120

212.9320, 54.2920,
-36.8120

255.0000, -0.0000,
-0.0000

184.3340, 53.1000,
-37.2360

242.4600, 35.3100,
-34.2100

156.2800, 53.1920,
-38.9040

245.6520, 26.3220,
-25.5020

128.8130, 53.0090,
-41.0950

248.9580, 17.0130,
-16.4830

105.4670, 42.6000,
-34.1680

252.2640, 7.7040,
-7.4640

82.7190, 33.3830,
-26.8170

61.1450, 23.6160,
-20.5120

40.4570, 14.1700,

-14.5180

■ 21.2420, 4.7700,
-9.3580

■ 0.0000, 0.0000,
0.0000

■ 212.9320, 54.2920,
-36.8120

■ 212.9320, 54.2920,
-36.8120

■ 208.4350, 62.8210,
-42.7070

■ 217.4290, 45.7630,
-30.9170

■ 203.9380, 71.3500,
-48.6020

■ 221.9260, 37.2340,
-25.0220

■ 198.7400, 80.4750,
-54.2850

■ 227.1240, 28.1090,
-19.3390

■ 195.6280, 86.4820,
-58.5260

■ 231.6210, 19.5800,
-13.4440

■ 236.1180, 11.0510,
-7.5490

■ 240.6150, 2.5220,
-1.6540

■ 244.6560, -4.7230,
2.9970

■ 246.4170, -5.5480,
1.4280

■ 248.7650, -6.6480,
-0.6640

Harmonies

Analogous

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



205.5010, 63.5960, -18.1960



212.9320, 54.2920, -36.8120



205.5540, 2.2100, -51.0860

Triad

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



212.9320, 54.2920, -36.8120



175.2330, -150.3300, -50.9220



208.0400, 22.0000, 41.8400

Complementary

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



212.9320, 54.2920, -36.8120



119.0680, -54.2920, 36.8120

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.



218.5510, 9.7150, 27.6910



212.9320, 54.2920, -36.8120



169.9500, -147.8550, -46.2150

Square

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



212.9320, 54.2920, -36.8120



174.6000, -144.4140, -59.0220



199.7490, -62.4450, -8.1810



197.3990, 39.5620, 31.9300

Rectangle

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



212.9320, 54.2920, -36.8120



197.0830, -44.8760, -56.7800



199.7490, -62.4450, -8.1810



212.1490, 20.0750, 38.1790

Sweetspot

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



212.9320, 54.2920, -36.8120



246.0060, 17.0580, -11.7900



137.7280, 84.1720, 38.4440



122.2320, 10.7300, -7.2380



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.



212.9320, 54.2920, -36.8120



218.5510, 68.1860, -46.3260



207.9280, 15.4160, -59.1440



117.4580, 4.4020, -2.6860



148.3490, 65.9390, -44.1490



45.5070, 19.9010, -13.7550

Inverse Universe

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



119.0680, -54.2920, 36.8120



100.4490, -68.1860, 46.3260



124.0720, -15.4160, 59.1440



109.9550, -4.1270, 3.2090



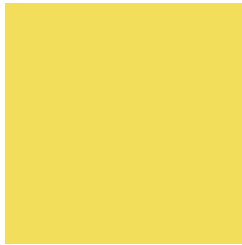
35.0640, -65.6640, 44.6720



10.4930, -19.9010, 13.7550

Previews

White Background



This preview shows how the YIQ color 212.9320, 54.2920, -36.8120 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 212.9320, 54.2920, -36.8120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

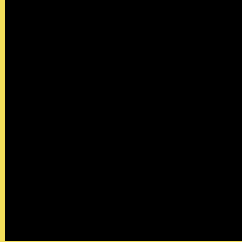
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.9320, 54.2920, -36.8120

Background



This preview shows how black text looks on a background with the YIQ color 212.9320, 54.2920, -36.8120.



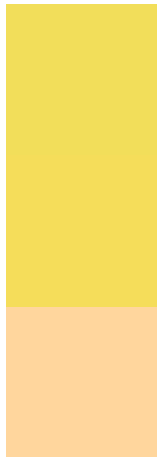
This preview shows how white text looks on a background with the YIQ color 212.9320, 54.2920, -36.8120.

-36.8120.

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

212.9320, 54.2920, -36.8120

Protanopia

213.2420, 56.3550, -35.6530

Deuteranopia

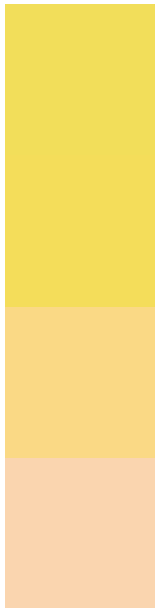
219.7610, 42.7330, -9.0350



Tritanopia

223.5780, 22.2800, 14.7280

Trichromacy



Original Color

212.9320, 54.2920, -36.8120

Protanomaly

212.9430, 55.7590, -35.8650

Deuteranomaly

217.2910, 46.6320, -19.1280

Tritanomaly

219.7310, 34.2500, -3.9740

Monochromacy



Original Color

212.9320, 54.2920, -36.8120

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.9200, 20.1760, -13.2320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.9320, 54.2920, -36.8120 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(242, 222, 90)` looks like.

```
.text, #text, p{  
    color:rgb(242, 222, 90)  
}
```

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(242, 222, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 222, 90) }
```

Border

The CSS property to change the border of an element to YIQ 212.9320, 54.2920, -36.8120 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(242, 222, 90) }
```


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

```
.border{ border-color:rgb(242, 222, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 222, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 222, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 222, 90);  
box-shadow:4px 4px 4px 4px rgb(242, 222,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 212.9320, 54.2920, -36.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 222, 90) }
```

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

```
.background{ background-color: rgb(242,  
222, 90) }
```

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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