

Converting Colors

YIQ(213.5920, 43.7460,
-32.9100)

Have a look what the booklet for
YIQ(213.5920, 43.7460, -32.9100)
contains.

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Color

**YIQ(213.5920, 43.7460,
-32.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDF6D
RGB	235, 223, 109
RGB Percent	92%, 87%, 43%
CMY	0.0785, 0.1255, 0.5723
CMYK	0.00, 0.05, 0.54, 0.08
HSL	54°, 76%, 67%
HSV	54°, 54%, 92%
XYZ	63.4075, 71.5384, 24.9532
YIQ	213.5920, 43.7460, -32.9100

Conversions

Conversions Part 2

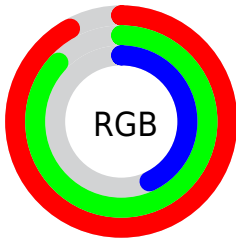
Format	Color
RYB	122, 235, 109
Decimal	15458157
CIELab	87.75, -10.29, 56.48
CIELCh	88, 57.411, 100.327
Yxy	71.5384, 0.3965, 0.4474
Android (android.graphics.Color)	4293648237 (0xFFEBDF6D)
YUV	213.5920, -51.5639, 18.7748
Hunter-Lab	84.5804, -14.1992, 41.7143

Details

The YIQ color **213.5920, 43.7460, -32.9100** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **130.4080, -43.7460, 32.9100**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5120, 29.5320, -28.6120**, and **157.9230, 41.3160, -32.9240** is the 20% darker color. If you saturate the color by 10%, you get **209.7960, 51.6790, -39.0170**, and if you desaturate by 10%, it is **217.5020, 35.4920, -26.4920**.

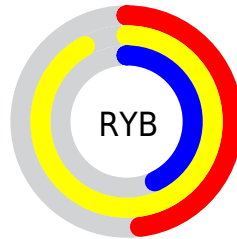
Distribution



Red (92%)

Green (87%)

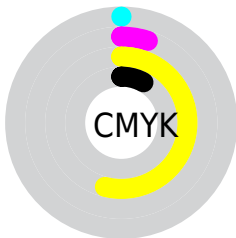
Blue (43%)



Red (48%)

Yellow (92%)

Blue (43%)

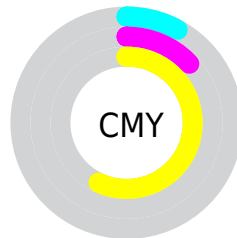


Cyan (0%)

Magenta (5%)

Yellow (54%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.5920, 43.7460, -32.9100 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 213.5920, 43.7460, -32.9100 by changing the saturation by 10% instead.

213.5920, 43.7460,
-32.9100

213.5920, 43.7460,
-32.9100

255.0000, -0.0000,
-0.0000

185.5210, 42.5080,
-32.5000

244.5120, 29.5320,
-28.6120

157.9230, 41.3160,
-32.9240

247.7040, 20.5440,
-19.9040

130.6840, 40.4910,
-34.4930

251.0100, 11.2350,
-10.8850

104.2710, 40.2160,
-35.0160

254.3160, 1.9260,
-1.8660

82.1100, 30.7240,
-28.1880

60.8350, 21.5530,
-21.6710

40.1470, 12.1070,

-15.6770

■ 20.0460, 2.3860,
-10.2060

■ 0.0000, 0.0000,
0.0000

■ 213.5920, 43.7460,
-32.9100

■ 213.5920, 43.7460,
-32.9100

■ 209.7960, 51.6790,
-39.0170

■ 217.5020, 35.4920,
-26.4920

■ 205.8860, 59.9330,
-45.4350

■ 221.2980, 27.5590,
-20.3850

■ 201.5030, 68.1410,
-51.0190

■ 225.7950, 19.0300,
-14.4900

■ 197.5930, 76.3950,
-57.4370

■ 229.5910, 11.0970,
-8.3830

■ 195.2960, 81.4850,
-61.5790

■ 233.5010, 2.8430,
-1.9650

■ 237.2970, -5.0900,
4.1420

■ 239.6280, -7.5200,
4.1280

■ 240.8020, -8.0700,
3.0820

■ 241.9760, -8.6200,
2.0360

Harmonies

Analogous

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



209.3310, 58.3230, -16.2450



213.5920, 43.7460, -32.9100



207.0190, -3.2930, -44.9650

Triad

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



213.5920, 43.7460, -32.9100



172.8850, -149.2300, -48.8300



210.9750, 20.6250, 39.2250

Complementary

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



213.5920, 43.7460, -32.9100



130.4080, -43.7460, 32.9100

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.



219.7470, 12.0990, 28.5390



213.5920, 43.7460, -32.9100



167.6020, -146.7550, -44.1230

Square

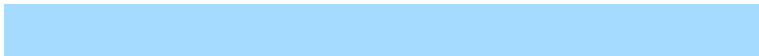
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.5920, 43.7460, -32.9100



172.7080, -144.5980, -55.6860



206.9580, -43.7400, -0.2520



202.1120, 38.6920, 25.6680

Rectangle

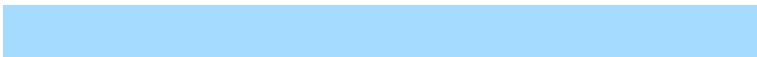
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.5920, 43.7460, -32.9100



199.6090, -43.1810, -48.9490



206.9580, -43.7400, -0.2520



213.9100, 19.2500, 36.6100

Sweetspot

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



213.5920, 43.7460, -32.9100



247.9780, 14.2610, -10.6590



148.1560, 70.9230, 30.7550



123.3890, 8.8500, -6.2060



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.



213.5920, 43.7460, -32.9100



227.0260, 56.7230, -42.3250



205.6860, 10.6460, -49.7860



115.1590, 3.8060, -2.8980



150.3870, 62.7760, -47.4000



44.3220, 18.9840, -13.6560

Inverse Universe

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



130.4080, -43.7460, 32.9100



119.3870, -56.4480, 42.8480



138.3140, -10.6460, 49.7860



107.8410, -3.8060, 2.8980



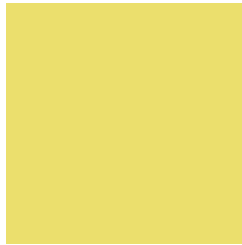
30.6130, -62.7760, 47.4000



9.0910, -18.7090, 14.1790

Previews

White Background



This preview shows how the YIQ color 213.5920, 43.7460, -32.9100 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 213.5920, 43.7460, -32.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

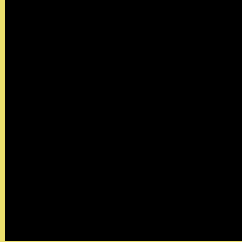
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.5920, 43.7460, -32.9100

Background



This preview shows how black text looks on a background with the YIQ color 213.5920, 43.7460, -32.9100.



This preview shows how white text looks on a background with the YIQ color 213.5920, 43.7460,

-32.9100.

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

213.5920, 43.7460, -32.9100

Protanopia

214.1090, 49.6600, -29.9560

Deuteranopia

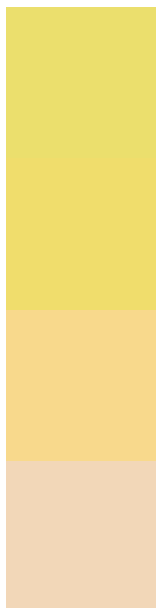
219.2880, 42.6870, -8.2010



Tritanopia

222.7020, 15.9990, 12.9190

Trichromacy



Original Color

213.5920, 43.7460, -32.9100

Protanomaly

213.7990, 47.5970, -31.1150

Deuteranomaly

217.4910, 43.1930, -17.3750

Tritanomaly

219.5390, 26.0430, -3.9170

Monochromacy



Original Color

213.5920, 43.7460, -32.9100

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.8210, 16.1410, -11.6910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5920, 43.7460, -32.9100 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(235, 223, 109)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 109)  
}
```

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(235, 223, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 109) }
```

Border

The CSS property to change the border of an element to YIQ 213.5920, 43.7460, -32.9100 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(235, 223, 109) }
```


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

```
.border{ border-color:rgb(235, 223, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 109);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5920, 43.7460, -32.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 109) }
```

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

```
.background{ background-color: rgb(235,  
223, 109) }
```

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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