

Converting Colors

YIQ(212.5930, 42.0050,
-39.9070)

Have a look what the booklet for
YIQ(212.5930, 42.0050, -39.9070)
contains.

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Color

**YIQ(212.5930, 42.0050,
-39.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E362
RGB	228, 227, 98
RGB Percent	89%, 89%, 38%
CMY	0.1060, 0.1098, 0.6154
CMYK	0.00, 0.00, 0.57, 0.11
HSL	60°, 71%, 64%
HSV	60°, 57%, 89%
XYZ	61.6653, 72.3116, 22.2795
YIQ	212.5930, 42.0050, -39.9070

Conversions

Conversions Part 2

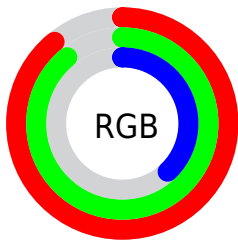
Format	Color
R _Y B	99, 228, 98
Decimal	15000418
CIE Lab	88.12, -15.94, 61.66
CIE LCh	88, 63.686, 104.491
Yxy	72.3116, 0.3946, 0.4628
Android (android.graphics.Color)	4293190498 (0xFFE4E362)
YUV	212.5930, -56.4943, 13.5119
Hunter-Lab	85.0362, -19.3715, 43.9913

Details

The YIQ color **212.5930, 42.0050, -39.9070** is a light color, and the websafe version is hex **CCCC33**. A complement of this color would be **113.4070, -42.0050, 39.9070**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3720, 32.7420, -31.7220**, and **156.5820, 40.5380, -40.8540** is the 20% darker color. If you saturate the color by 10%, you get **209.9710, 49.3880, -47.0600**, and if you desaturate by 10%, it is **215.2150, 34.6220, -32.7540**.

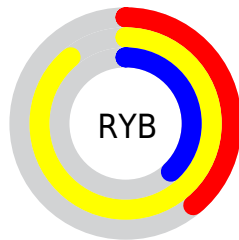
Distribution



Red (89%)

Green (89%)

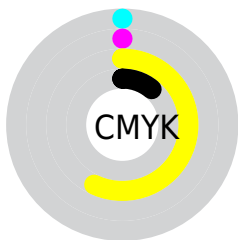
Blue (38%)



Red (39%)

Yellow (89%)

Blue (38%)

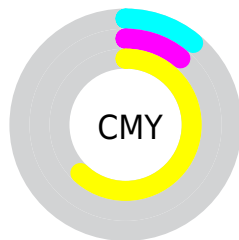


Cyan (0%)

Magenta (0%)

Yellow (57%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.5930, 42.0050, -39.9070 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 212.5930, 42.0050, -39.9070 by changing the saturation by 10% instead.

212.5930, 42.0050,
-39.9070

212.5930, 42.0050,
-39.9070

255.0000, -0.0000,
-0.0000

184.4080, 41.0880,
-39.8080

243.3720, 32.7420,
-31.7220

156.5820, 40.5380,
-40.8540

246.5640, 23.7540,
-23.0140

127.6870, 44.4360,
-45.4200

249.7560, 14.7660,
-14.3060

104.5260, 34.9440,
-38.5920

253.1760, 5.1360,
-4.9760

81.7780, 25.7270,
-31.2410

60.2040, 15.9600,
-24.9360

39.2280, 7.3850,

-18.2070

■ 18.2190, -5.5910,
-14.3190

■ 0.0000, 0.0000,
0.0000

■ 212.5930, 42.0050,
-39.9070

■ 212.5930, 42.0050,
-39.9070

■ 209.9710, 49.3880,
-47.0600

■ 215.2150, 34.6220,
-32.7540

■ 207.3490, 56.7710,
-54.2130

■ 217.8370, 27.2390,
-25.6010


■ 204.2540, 64.1080,
-60.5320

■ 220.9320, 19.9020,
-19.2820


■ 201.6320, 71.4910,
-67.6850

■ 223.5540, 12.5190,
-12.1290

 200.8340, 73.7380,
-69.8620

 226.1760, 5.1360,
-4.9760

 228.7980, -2.2470,
2.1770

 231.0780, -8.6670,
8.3970

 231.6650, -8.9420,
7.8740

Harmonies

Analogous

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



209.3820, 62.3130, -22.4790



212.5930, 42.0050, -39.9070



204.2410, -12.9660, -51.3820

Triad

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



212.5930, 42.0050, -39.9070



174.6460, -150.0550, -50.3990



207.4530, 22.2750, 42.3630

Complementary

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



212.5930, 42.0050, -39.9070



113.4070, -42.0050, 39.9070

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.



218.6060, 17.0500, 32.4260



212.5930, 42.0050, -39.9070



167.6020, -146.7550, -44.1230

Square

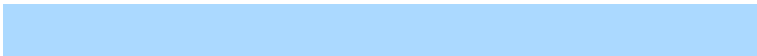
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.5930, 42.0050, -39.9070



176.3100, -149.2290, -54.3570



207.5780, -39.6140, 2.0660



198.1510, 42.9560, 25.4840

Rectangle

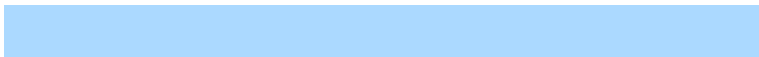
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.5930, 42.0050, -39.9070



194.5140, -62.2070, -56.5670



207.5780, -39.6140, 2.0660



210.3880, 20.9000, 39.7480

Sweetspot

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



212.5930, 42.0050, -39.9070



250.0980, 13.8030, -13.3730



137.0980, 76.8380, 28.1820



124.4490, 8.6210, -7.5630



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.



212.5930, 42.0050, -39.9070



234.6910, 55.8080, -53.2800



194.3430, 4.1820, -53.7860



113.6320, 3.8520, -3.7320



157.4200, 58.0090, -54.6230



45.1860, 16.3710, -15.8610

Inverse Universe

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



113.4070, -42.0050, 39.9070



102.3090, -55.8080, 53.2800



131.6570, -4.1820, 53.7860



104.3680, -3.8520, 3.7320



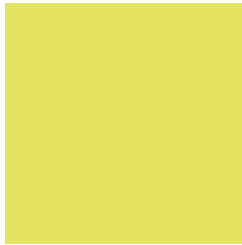
20.9930, -57.7340, 55.1460



5.8140, -16.3710, 15.8610

Previews

White Background



This preview shows how the YIQ color 212.5930, 42.0050, -39.9070 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 212.5930, 42.0050, -39.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

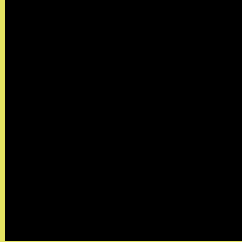
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.5930, 42.0050, -39.9070

Background



This preview shows how black text looks on a background with the YIQ color 212.5930, 42.0050, -39.9070.



This preview shows how white text looks on a background with the YIQ color 212.5930, 42.0050,

-39.9070.

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

212.5930, 42.0050, -39.9070

Protanopia

213.9260, 54.4290, -33.7870

Deuteranopia

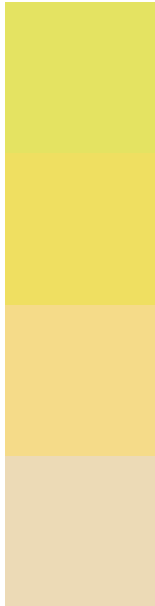
220.1030, 41.7700, -8.1020



Tritanopia

223.3100, 11.2310, 11.2230

Trichromacy



Original Color

212.5930, 42.0050, -39.9070

Protanomaly

213.4200, 49.9820, -35.7940

Deuteranomaly

217.4260, 41.8180, -19.9900

Tritanomaly

219.2780, 22.2840, -7.3800

Monochromacy



Original Color

212.5930, 42.0050, -39.9070

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.6420, 15.0870, -14.6170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.5930, 42.0050, -39.9070 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(228, 227, 98)` looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 98)  
}
```

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(228, 227, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 98) }
```

Border

The CSS property to change the border of an element to YIQ 212.5930, 42.0050, -39.9070 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(228, 227, 98) }
```


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

```
.border{ border-color:rgb(228, 227, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 227, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 98);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 212.5930, 42.0050, -39.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 98) }
```

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

```
.background{ background-color: rgb(228,  
227, 98) }
```

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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