

Converting Colors

YIQ(211.7950, 44.2520,
-42.0840)

Have a look what the booklet for
YIQ(211.7950, 44.2520, -42.0840)
contains.

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Color

**YIQ(211.7950, 44.2520,
-42.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E35B
RGB	228, 227, 91
RGB Percent	89%, 89%, 36%
CMY	0.1060, 0.1098, 0.6428
CMYK	0.00, 0.00, 0.60, 0.11
HSL	60°, 72%, 63%
HSV	60°, 60%, 89%
XYZ	61.3485, 72.1849, 20.6134
YIQ	211.7950, 44.2520, -42.0840

Conversions

Conversions Part 2

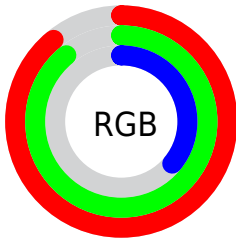
Format	Color
RYB	92, 228, 91
Decimal	15000411
CIELab	88.06, -16.42, 64.57
CIELCh	88, 66.624, 104.265
Yxy	72.1849, 0.3980, 0.4683
Android (android.graphics.Color)	4293190491 (0xFFE4E35B)
YUV	211.7950, -59.5519, 14.2118
Hunter-Lab	84.9617, -19.7929, 45.0882

Details

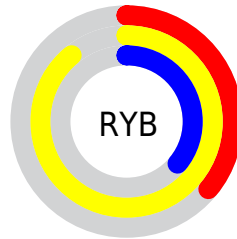
The YIQ color **211.7950, 44.2520, -42.0840** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **107.2050, -44.2520, 42.0840**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.5740, 34.9890, -33.8990**, and **155.4420, 43.7480, -43.9640** is the 20% darker color. If you saturate the color by 10%, you get **209.1730, 51.6350, -49.2370**, and if you desaturate by 10%, it is **214.4170, 36.8690, -34.9310**.

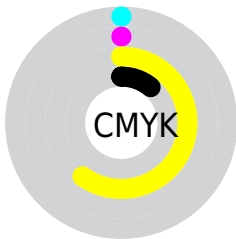
Distribution



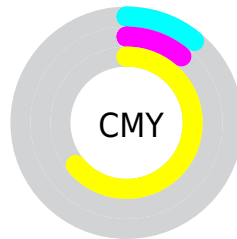
- Red (89%)
- Green (89%)
- Blue (36%)



- Red (36%)
- Yellow (89%)
- Blue (36%)



- Cyan (0%)
- Magenta (0%)
- Yellow (60%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.7950, 44.2520, -42.0840 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 211.7950, 44.2520, -42.0840 by changing the saturation by 10% instead.

211.7950, 44.2520,
-42.0840

211.7950, 44.2520,
-42.0840

255.0000, -0.0000,
-0.0000

183.4960, 43.6560,
-42.2960

242.5740, 34.9890,
-33.8990

155.4420, 43.7480,
-43.9640

245.7660, 26.0010,
-25.1910

127.2740, 44.1610,
-45.9430

249.0720, 16.6920,
-16.1720

104.2270, 34.3480,
-38.8040

252.3780, 7.3830,
-7.1530

81.7780, 25.7270,
-31.2410

59.9050, 15.3640,
-25.1480

38.9290, 6.7890,

-18.4190

■ 17.9200, -6.1870,
-14.5310

■ 0.0000, 0.0000,
0.0000

■ 211.7950, 44.2520,
-42.0840

■ 211.7950, 44.2520,
-42.0840

■ 209.1730, 51.6350,
-49.2370

■ 214.4170, 36.8690,
-34.9310

■ 206.5510, 59.0180,
-56.3900

■ 217.0390, 29.4860,
-27.7780

■ 204.0430, 66.0800,
-63.2320

■ 219.5470, 22.4240,
-20.9360

■ 200.8340, 73.7380,
-69.8620

■ 222.7560, 14.7660,
-14.3060

■ 225.3780, 7.3830,
-7.1530

■ 228.0000, 0.0000,
0.0000

■ 230.6220, -7.3830,
7.1530

■ 231.0780, -8.6670,
8.3970

Harmonies

Analogous

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



208.1110, 64.5140, -23.8220



211.7950, 44.2520, -42.0840



203.3610, -13.4240, -54.0960

Triad

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



211.7950, 44.2520, -42.0840



175.2330, -150.3300, -50.9220



205.6920, 23.1000, 43.9320

Complementary

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



211.7950, 44.2520, -42.0840



107.2050, -44.2520, 42.0840

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.



218.0190, 17.3250, 32.9490



211.7950, 44.2520, -42.0840



168.1890, -147.0300, -44.6460

Square

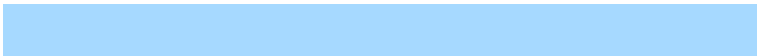
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211.7950, 44.2520, -42.0840



177.0110, -149.8250, -54.5690



206.0830, -42.5940, 1.0060



195.6890, 44.3770, 27.2650

Rectangle

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



211.7950, 44.2520, -42.0840



191.3670, -66.2870, -59.7190



206.0830, -42.5940, 1.0060



208.6270, 21.7250, 41.3170

Sweetspot

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



211.7950, 44.2520, -42.0840



249.7560, 14.7660, -14.3060



132.1910, 81.0100, 29.6660



124.1070, 9.5840, -8.4960



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.



211.7950, 44.2520, -42.0840



233.4370, 59.3390, -56.7010



192.6480, 4.6410, -56.5990



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.



107.2050, -44.2520, 42.0840



93.1500, -59.6140, 56.1780



126.3520, -4.6410, 56.5990



104.3680, -3.8520, 3.7320



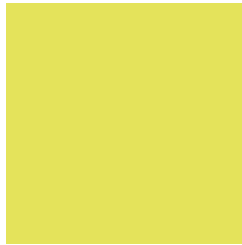
20.9930, -57.7340, 55.1460



5.8140, -16.3710, 15.8610

Previews

White Background



This preview shows how the YIQ color 211.7950, 44.2520, -42.0840 looks on a white background.

Color Contrast Check

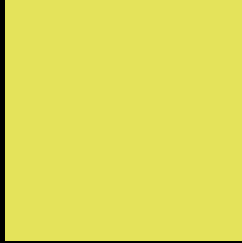
Large Text (above 18pt) WCAG AA × Fail

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 211.7950, 44.2520, -42.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

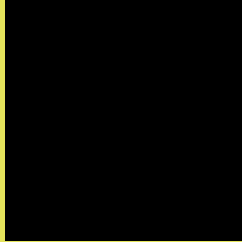
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.7950, 44.2520, -42.0840

Background



This preview shows how black text looks on a background with the YIQ color 211.7950, 44.2520, -42.0840.



This preview shows how white text looks on a background with the YIQ color 211.7950, 44.2520, -42.0840.

-42.0840.

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

211.7950, 44.2520, -42.0840

Protanopia

213.4270, 57.2720, -35.7520

Deuteranopia

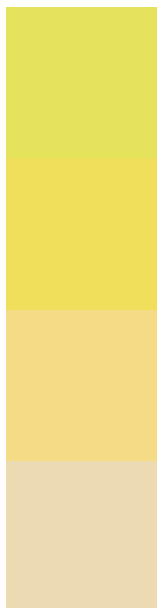
219.8750, 42.4120, -8.7240



Tritanopia

223.3100, 11.2310, 11.2230

Trichromacy



Original Color

211.7950, 44.2520, -42.0840

Protanomaly

212.6220, 52.2290, -37.9710

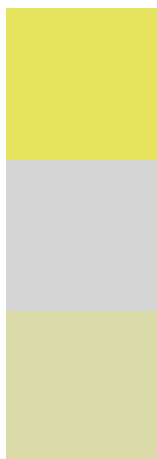
Deuteranomaly

217.0840, 42.7810, -20.9230

Tritanomaly

218.9360, 23.2470, -8.3130

Monochromacy



Original Color

211.7950, 44.2520, -42.0840

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.7130, 16.3250, -15.0270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.7950, 44.2520, -42.0840 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 91) }
```

Border

The CSS property to change the border of an element to YIQ 211.7950, 44.2520, -42.0840 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, 91) }
```


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

```
.border{ border-color:rgb(228, 227, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 91);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 211.7950, 44.2520, -42.0840 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, 91) }
```

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

```
.background{ background-color: rgb(228,  
227, 91) }
```

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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