

Converting Colors

YIQ(211.9280, 42.9200,
-28.9520)

Have a look what the booklet for
YIQ(211.9280, 42.9200, -28.9520)
contains.

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Color

**YIQ(211.9280, 42.9200,
-28.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDB73
RGB	235, 219, 115
RGB Percent	92%, 86%, 45%
CMY	0.0785, 0.1412, 0.5488
CMYK	0.00, 0.07, 0.51, 0.08
HSL	52°, 75%, 69%
HSV	52°, 51%, 92%
XYZ	62.6866, 69.5597, 26.3614
YIQ	211.9280, 42.9200, -28.9520

Conversions

Conversions Part 2

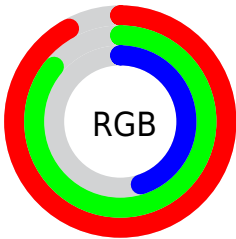
Format	Color
RYB	133, 235, 115
Decimal	15457139
CIELab	86.78, -7.79, 52.56
CIELCh	87, 53.130, 98.434
Yxy	69.5597, 0.3952, 0.4386
Android (android.graphics.Color)	4293647219 (0xFFEBDB73)
YUV	211.9280, -47.7855, 20.2341
Hunter-Lab	83.4024, -11.7908, 39.6416

Details

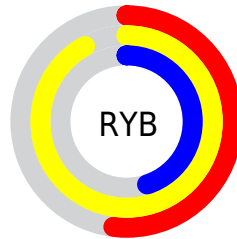
The YIQ color **211.9280, 42.9200, -28.9520** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **138.0720, -42.9200, 28.9520**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.1960, 27.6060, -26.7460**, and **156.3730, 40.1690, -28.6550** is the 20% darker color. If you saturate the color by 10%, you get **207.5450, 51.1280, -34.5360**, and if you desaturate by 10%, it is **216.4250, 34.3910, -23.0570**.

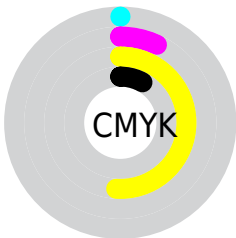
Distribution



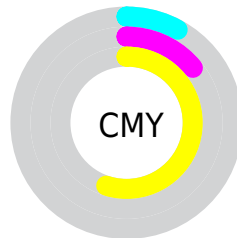
- Red (92%)
- Green (86%)
- Blue (45%)



- Red (52%)
- Yellow (92%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (51%)
- Black (8%)



- Cyan (8%)
- Magenta (14%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.9280, 42.9200, -28.9520 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 211.9280, 42.9200, -28.9520 by changing the saturation by 10% instead.

■ 211.9280, 42.9200,
-28.9520

■ 211.9280, 42.9200,
-28.9520

■ 255.0000, -0.0000,
-0.0000

■ 183.8570, 41.6820,
-28.5420

■ 245.1960, 27.6060,
-26.7460

■ 156.3730, 40.1690,
-28.6550

■ 248.3880, 18.6180,
-18.0380

■ 129.6610, 39.2980,
-29.3900

■ 251.6940, 9.3090,
-9.0190

■ 102.6240, 40.7200,
-33.1360

■ 80.3490, 31.5490,
-26.6190

■ 58.4870, 22.6530,
-19.5790

■ 38.6850, 13.5280,

-13.8960

■ 19.1710, 3.5320,
-8.9480

■ 0.0000, 0.0000,
0.0000

■ 211.9280, 42.9200,
-28.9520

■ 211.9280, 42.9200,
-28.9520

■ 207.5450, 51.1280,
-34.5360

■ 216.4250, 34.3910,
-23.0570

■ 203.0480, 59.6570,
-40.4310


■ 220.8080, 26.1830,
-17.4730


■ 198.6650, 67.8650,
-46.0150


■ 225.3050, 17.6540,
-11.5780

■ 193.5810, 76.6690,
-51.3870

■ 230.2750, 9.1710,
-6.5170


 190.0130, 83.9600,
-56.8720

 234.7720, 0.6420,
-0.6220

 239.0410, -7.2450,
4.6510

 240.8020, -8.0700,
3.0820

 242.5630, -8.8950,
1.5130

 244.3240, -9.7200,
-0.0560

Harmonies

Analogous

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



208.9550, 56.6260, -13.0220



211.9280, 42.9200, -28.9520



206.3940, 0.1450, -41.1910

Triad

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



211.9280, 42.9200, -28.9520



170.5370, -148.1300, -46.7380



212.1490, 20.0750, 38.1790

Complementary

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



211.9280, 42.9200, -28.9520



138.0720, -42.9200, 28.9520

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.



217.9420, 7.0560, 26.3200



211.9280, 42.9200, -28.9520



174.5120, -128.6460, -36.4060

Square

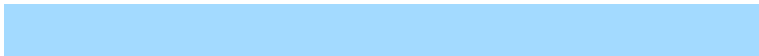
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211.9280, 42.9200, -28.9520



169.4480, -140.9300, -56.0820



205.7730, -44.6570, -0.1530



202.9270, 37.7750, 25.7670

Rectangle

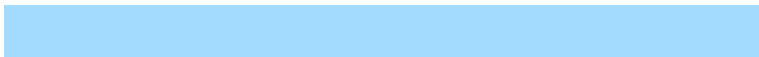
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211.9280, 42.9200, -28.9520



200.1370, -35.8000, -45.0480



205.7730, -44.6570, -0.1530



215.0840, 18.7000, 35.5640

Sweetspot

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



211.9280, 42.9200, -28.9520



247.7330, 13.5730, -9.2030



152.9320, 65.7420, 31.0380



123.0300, 8.4830, -5.0610



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.



211.9280, 42.9200, -28.9520



224.8890, 55.8510, -37.5330



208.7620, 13.4880, -46.2240



115.1590, 3.8060, -2.8980



146.2780, 64.7010, -43.7390



43.1480, 19.5340, -12.6100

Inverse Universe

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



138.0720, -42.9200, 28.9520



129.1110, -55.8510, 37.5330



141.2380, -13.4880, 46.2240



107.8410, -3.8060, 2.8980



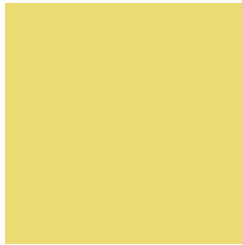
34.7220, -64.7010, 43.7390



10.2650, -19.2590, 13.1330

Previews

White Background



This preview shows how the YIQ color 211.9280, 42.9200, -28.9520 looks on a white background.

Color Contrast Check

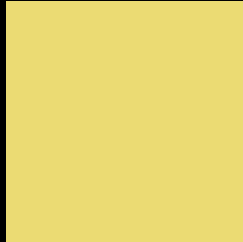
Large Text (above 18pt) WCAG AA × Fail

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 211.9280, 42.9200, -28.9520 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 211.9280, 42.9200, -28.9520

Background



This preview shows how black text looks on a background with the YIQ color 211.9280, 42.9200, -28.9520.



This preview shows how white text looks on a background with the YIQ color 211.9280, 42.9200, -28.9520.

-28.9520.

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

211.9280, 42.9200, -28.9520

Protanopia

212.2490, 46.4500, -26.8460

Deuteranopia

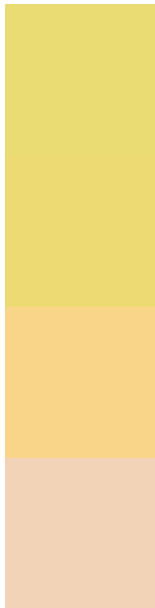
216.6150, 46.0800, -9.1200



Tritanopia

220.4850, 18.1080, 13.2440

Trichromacy



Original Color

211.9280, 42.9200, -28.9520

Protanomaly

212.2380, 44.9830, -27.7930

Deuteranomaly

214.8010, 45.2560, -16.2160

Tritanomaly

217.1910, 27.1430, -1.8250

Monochromacy



Original Color

211.9280, 42.9200, -28.9520

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.1630, 15.1780, -10.7580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.9280, 42.9200, -28.9520 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, 219, 115)` looks like.

```
.text, #text, p{  
    color:rgb(235, 219, 115)  
}
```

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, 219, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 219, 115) }
```

Border

The CSS property to change the border of an element to YIQ 211.9280, 42.9200, -28.9520 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, 219, 115) }
```


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

```
.border{ border-color:rgb(235, 219, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 219, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 219, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 219, 115);  
box-shadow:4px 4px 4px 4px rgb(235, 219,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 211.9280, 42.9200, -28.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 219, 115) }
```

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

```
.background{ background-color: rgb(235,  
219, 115) }
```

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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