

Converting Colors

YIQ(216.5420, 28.8470,
-43.7370)

Have a look what the booklet for
YIQ(216.5420, 28.8470, -43.7370)
contains.

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Color

**YIQ(216.5420, 28.8470,
-43.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	D9ED6E
RGB	217, 237, 110
RGB Percent	85%, 93%, 43%
CMY	0.1491, 0.0705, 0.5684
CMYK	0.08, 0.00, 0.54, 0.07
HSL	69°, 78%, 68%
HSV	69°, 54%, 93%
XYZ	61.7096, 76.4468, 26.2706
YIQ	216.5420, 28.8470, -43.7370

Conversions

Conversions Part 2

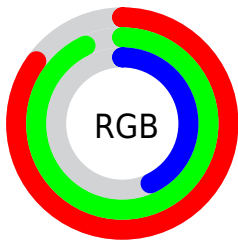
Format	Color
RYB	110, 237, 130
Decimal	14282094
CIELab	90.07, -24.23, 58.36
CIELCh	90, 63.194, 112.545
Yxy	76.4468, 0.3753, 0.4649
Android (android.graphics.Color)	4292472174 (0xFFD9ED6E)
YUV	216.5420, -52.5252, 0.4017
Hunter-Lab	87.4339, -27.0264, 43.3893

Details

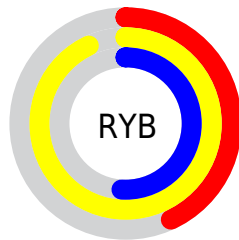
The YIQ color **216.5420, 28.8470, -43.7370** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **130.4580, -28.8470, 43.7370**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.7400, 28.8900, -27.9900**, and **160.4710, 27.6090, -43.3270** is the 20% darker color. If you saturate the color by 10%, you get **212.6100, 34.1670, -52.0490**, and if you desaturate by 10%, it is **220.4740, 23.5270, -35.4250**.

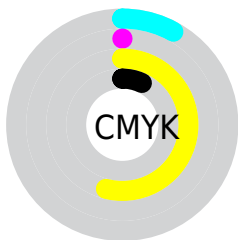
Distribution



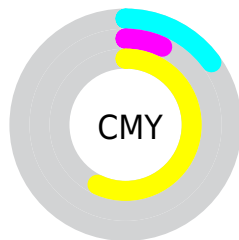
- Red (85%)
- Green (93%)
- Blue (43%)



- Red (43%)
- Yellow (93%)
- Blue (51%)



- Cyan (8%)
- Magenta (0%)
- Yellow (54%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.5420, 28.8470, -43.7370 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 216.5420, 28.8470, -43.7370 by changing the saturation by 10% instead.

216.5420, 28.8470,
-43.7370

216.5420, 28.8470,
-43.7370

255.0000, -0.0000,
-0.0000

188.3570, 27.9300,
-43.6380

244.7400, 28.8900,
-27.9900

160.4710, 27.6090,
-43.3270

247.9320, 19.9020,
-19.2820

132.7160, 28.2970,
-44.7830

251.2380, 10.5930,
-10.2630

106.5310, 27.3800,
-44.6840

254.5440, 1.2840,
-1.2440

83.7830, 18.1630,
-37.3330

61.9210, 9.2670,
-30.2930

40.3470, -0.5000,

-23.9880

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,
0.0000

■ 216.5420, 28.8470,
-43.7370

■ 216.5420, 28.8470,
-43.7370

■ 212.6100, 34.1670,
-52.0490

■ 220.4740, 23.5270,
-35.4250

■ 208.7920, 39.1660,
-60.0500


■ 223.9930, 17.9320,
-27.6360


■ 205.1590, 45.0820,
-68.1500

■ 227.9250, 12.6120,
-19.3240

■ 201.2270, 50.4020,
-76.4620


■ 231.8570, 7.2920,
-11.0120


 198.9190, 54.0250,
-81.5510

 235.7890, 1.9720,
-2.7000

 239.3080, -3.6230,
5.0890

 240.8460, -2.2020,
6.8700

 242.0420, 0.1820,
7.7180

 243.2380, 2.5660,
8.5660

Harmonies

Analogous

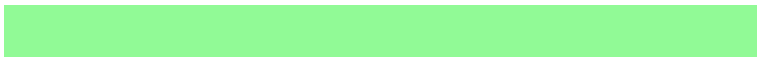
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.9530, 58.9670, -27.9210



216.5420, 28.8470, -43.7370



207.2050, -30.4800, -53.3600

Triad

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



216.5420, 28.8470, -43.7370



176.4070, -150.8800, -51.9680



207.9600, 24.9810, 37.3730

Complementary

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



216.5420, 28.8470, -43.7370



130.4580, -28.8470, 43.7370

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



216.5420, 28.8470, -43.7370



187.3250, -108.8860, -31.0780

Square

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



216.5420, 28.8470, -43.7370



178.7550, -151.9800, -54.0600



218.3420, -18.1580, 9.6980



201.7070, 43.9660, 18.1900

Rectangle

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



216.5420, 28.8470, -43.7370



192.9440, -86.9650, -59.4210



218.3420, -18.1580, 9.6980



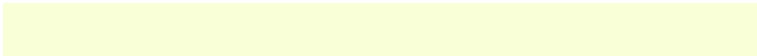
211.5620, 20.3500, 38.7020

Sweetspot

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



216.5420, 28.8470, -43.7370



248.5320, 9.5850, -14.0230



159.1260, 70.4670, 16.9870



123.9540, 5.6410, -8.6230



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.



216.5420, 28.8470, -43.7370



228.6440, 36.8270, -56.2050



197.7050, -8.7010, -57.0930



115.1480, 2.3390, -3.8450



151.6950, 40.8170, -62.4390



45.1530, 11.9700, -18.7020

Inverse Universe

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



130.4580, -28.8470, 43.7370



118.3560, -36.8270, 56.2050



149.2950, 8.7010, 57.0930



107.5530, -2.9350, 3.6330



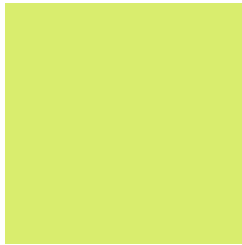
29.3050, -40.8170, 62.4390



8.5480, -12.5660, 18.4900

Previews

White Background



This preview shows how the YIQ color 216.5420, 28.8470, -43.7370 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 216.5420, 28.8470, -43.7370 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 216.5420, 28.8470, -43.7370

Background



This preview shows how black text looks on a background with the YIQ color 216.5420, 28.8470, -43.7370.



This preview shows how white text looks on a background with the YIQ color 216.5420, 28.8470,

-43.7370.

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

216.5420, 28.8470, -43.7370

Protanopia

219.9090, 53.0990, -31.7090

Deuteranopia

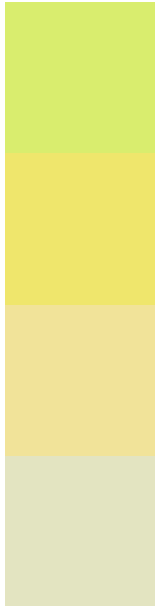
226.2640, 34.0670, -6.1650



Tritanopia

227.7430, -0.4140, 7.5060

Trichromacy



Original Color

216.5420, 28.8470, -43.7370

Protanomaly

218.7830, 44.5260, -36.0340

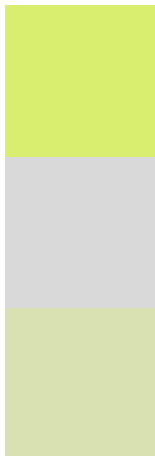
Deuteranomaly

222.7500, 32.0980, -20.0460

Tritanomaly

223.7110, 10.6390, -11.0970

Monochromacy



Original Color

216.5420, 28.8470, -43.7370

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.6630, 10.5940, -15.7900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.5420, 28.8470, -43.7370 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(217, 237, 110)` looks like.

```
.text, #text, p{  
    color:rgb(217, 237, 110)  
}
```

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(217, 237, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 237, 110) }
```

Border

The CSS property to change the border of an element to YIQ 216.5420, 28.8470, -43.7370 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(217, 237, 110) }
```


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

```
.border{ border-color:rgb(217, 237, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 237, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 237, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 237, 110);  
box-shadow:4px 4px 4px 4px rgb(217, 237,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 216.5420, 28.8470, -43.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 237, 110) }
```

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

```
.background{ background-color: rgb(217,  
237, 110) }
```

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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