

Converting Colors

YIQ(216.8420, 28.8430,
-21.6290)

Have a look what the booklet for
YIQ(216.8420, 28.8430, -21.6290)
contains.

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Color

**YIQ(216.8420, 28.8430,
-21.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DF94
RGB	231, 223, 148
RGB Percent	91%, 87%, 58%
CMY	0.0941, 0.1255, 0.4194
CMYK	0.00, 0.03, 0.36, 0.09
HSL	54°, 63%, 74%
HSV	54°, 36%, 91%
XYZ	64.6882, 71.9007, 38.5040
YIQ	216.8420, 28.8430, -21.6290

Conversions

Conversions Part 2

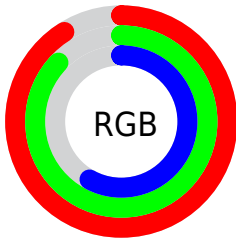
Format	Color
RYB	157, 231, 148
Decimal	15196052
CIELab	87.92, -8.12, 37.74
CIELCh	88, 38.607, 102.147
Yxy	71.9007, 0.3695, 0.4106
Android (android.graphics.Color)	4293386132 (0xFFE7DF94)
YUV	216.8420, -33.9391, 12.4166
Hunter-Lab	84.7943, -12.2152, 32.4331

Details

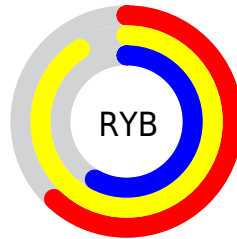
The YIQ color $216.8420, 28.8430, -21.6290$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $162.1580, -28.8430, 21.6290$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0720, 16.6920, -16.1720$, and $161.5860, 26.6880, -21.1200$ is the 20% darker color. If you saturate the color by 10%, you get $213.0460, 36.7760, -27.7360$, and if you desaturate by 10%, it is $220.6380, 20.9100, -15.5220$.

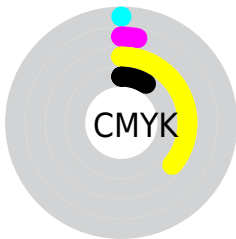
Distribution



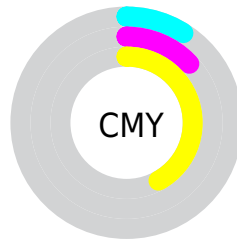
- Red (91%)
- Green (87%)
- Blue (58%)



- Red (62%)
- Yellow (91%)
- Blue (58%)



- Cyan (0%)
- Magenta (3%)
- Yellow (36%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.8420, 28.8430, -21.6290 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 216.8420, 28.8430, -21.6290 by changing the saturation by 10% instead.

■ 216.8420, 28.8430,
-21.6290

■ 216.8420, 28.8430,
-21.6290

■ 255.0000, -0.0000,
-0.0000

■ 188.7710, 27.6050,
-21.2190

■ 249.0720, 16.6920,
-16.1720

■ 161.5860, 26.6880,
-21.1200

■ 252.2640, 7.7040,
-7.4640

■ 135.4010, 25.7710,
-21.0210

■ 109.3300, 24.5330,
-20.6110

■ 84.7320, 23.3410,
-21.0350

■ 60.5470, 22.4240,
-20.9360

■ 40.4570, 14.1700,

-14.5180

■ 21.2420, 4.7700,
-9.3580

■ 0.0000, 0.0000,
0.0000

■ 216.8420, 28.8430,
-21.6290

■ 216.8420, 28.8430,
-21.6290

■ 213.0460, 36.7760,
-27.7360

■ 220.6380, 20.9100,
-15.5220

■ 209.2500, 44.7090,
-33.8430

■ 224.4340, 12.9770,
-9.4150

■ 204.8670, 52.9170,
-39.4270

■ 228.8170, 4.7690,
-3.8310

■ 201.0710, 60.8500,
-45.5340

■ 232.6130, -3.1640,
2.2760

■ 197.2750, 68.7830,
-51.6410

■ 235.4970, -8.5290,
5.8950

■ 193.3650, 77.0370,
-58.0590

■ 236.6710, -9.0790,
4.8490

■ 191.7520, 80.2010,
-60.3350

■ 238.4320, -9.9040,
3.2800

■ 239.6060,
-10.4540, 2.2340

■ 240.7800,
-11.0040, 1.1880

Harmonies

Analogous

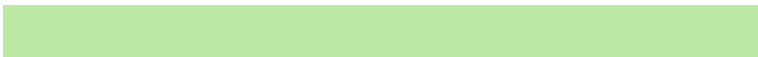
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.3160, 45.4840, -9.3320



216.8420, 28.8430, -21.6290



212.3910, -3.8000, -30.2640

Triad

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



216.8420, 28.8430, -21.6290



198.3770, -88.3010, -24.1810



219.1130, 19.7560, 27.4360

Complementary

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



216.8420, 28.8430, -21.6290



162.1580, -28.8430, 21.6290

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.



222.9480, 6.9190, 23.2950



216.8420, 28.8430, -21.6290



205.3420, -62.8570, -11.7290

Square

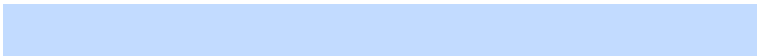
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.8420, 28.8430, -21.6290



200.5490, -77.3420, -30.0620



215.6290, -26.4560, 5.8960



213.1340, 32.4580, 17.4980

Rectangle

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



216.8420, 28.8430, -21.6290



208.3480, -28.6040, -32.2840



215.6290, -26.4560, 5.8960



221.5410, 15.6750, 29.8110

Sweetspot

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



216.8420, 28.8430, -21.6290



250.0470, 9.8130, -7.1390



173.7290, 46.9000, 20.0840



124.8880, 6.0070, -4.2410



0.0000, 0.0000, 0.0000



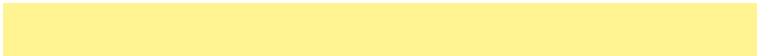
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.8420, 28.8430, -21.6290



236.0030, 38.3350, -28.4570



211.6710, 6.9750, -32.8090



113.0450, 4.1270, -3.2090



148.0280, 62.4090, -46.2550



42.2510, 17.7460, -13.2460

Inverse Universe

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



162.1580, -28.8430, 21.6290



163.9970, -38.3350, 28.4570



167.3290, -6.9750, 32.8090



104.9550, -4.1270, 3.2090



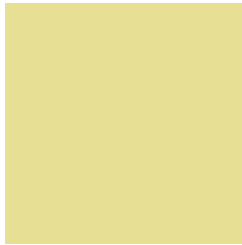
30.3850, -62.1340, 46.7780



8.7490, -17.7460, 13.2460

Previews

White Background



This preview shows how the YIQ color 216.8420, 28.8430, -21.6290 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 216.8420, 28.8430, -21.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

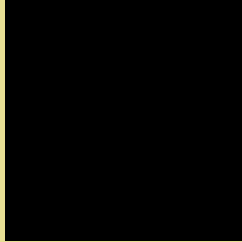
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

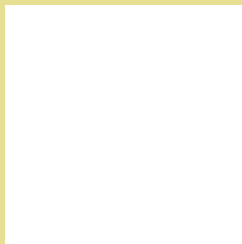
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.8420, 28.8430, -21.6290

Background



This preview shows how black text looks on a background with the YIQ color 216.8420, 28.8430, -21.6290.



This preview shows how white text looks on a background with the YIQ color 216.8420, 28.8430,

-21.6290.

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

216.8420, 28.8430, -21.6290

Protanopia

217.3590, 34.7570, -18.6750

Deuteranopia

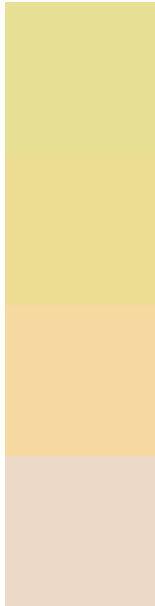
220.5420, 39.1560, -4.7800



Tritanopia

223.0110, 10.6350, 11.0110

Trichromacy



Original Color

216.8420, 28.8430, -21.6290

Protanomaly

217.0490, 32.6940, -19.8340

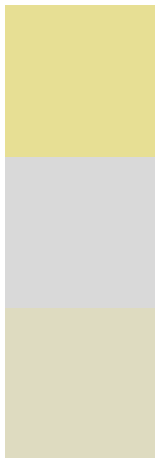
Deuteranomaly

219.2870, 35.2600, -11.2680

Tritanomaly

221.0420, 17.3770, -1.0470

Monochromacy



Original Color

216.8420, 28.8430, -21.6290

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.8190, 10.4550, -7.7610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.8420, 28.8430, -21.6290 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(231, 223, 148)` looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 148)  
}
```

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(231, 223, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 148) }
```

Border

The CSS property to change the border of an element to YIQ 216.8420, 28.8430, -21.6290 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(231, 223, 148) }
```


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

```
.border{ border-color:rgb(231, 223, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 223, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 223, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 223, 148);  
box-shadow:4px 4px 4px 4px rgb(231, 223,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 216.8420, 28.8430, -21.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 148) }
```

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

```
.background{ background-color: rgb(231,  
223, 148) }
```

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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