

Converting Colors

YIQ(216.1380, 42.6890,
-19.2550)

Have a look what the booklet for
YIQ(216.1380, 42.6890, -19.2550)
contains.

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Color

**YIQ(216.1380, 42.6890,
-19.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D988
RGB	245, 217, 136
RGB Percent	96%, 85%, 53%
CMY	0.0392, 0.1490, 0.4664
CMYK	0.00, 0.11, 0.44, 0.04
HSL	45°, 84%, 75%
HSV	45°, 44%, 96%
XYZ	66.9155, 70.8120, 33.4559
YIQ	216.1380, 42.6890, -19.2550

Conversions

Conversions Part 2

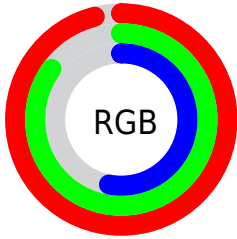
Format	Color
RYB	174, 245, 136
Decimal	16112008
CIELab	87.39, -0.86, 43.31
CIELCh	87, 43.315, 91.138
Yxy	70.8120, 0.3909, 0.4137
Android (android.graphics.Color)	4294302088 (0xFFFF5D988)
YUV	216.1380, -39.5080, 25.3120
Hunter-Lab	84.1499, -5.3200, 35.3327

Details

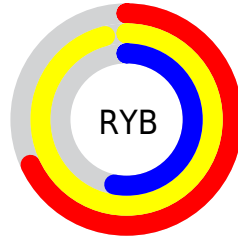
The YIQ color **216.1380, 42.6890, -19.2550** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **164.8620, -42.6890, 19.2550**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.5900, 20.8650, -20.2150**, and **160.5830, 39.9380, -18.9580** is the 20% darker color. If you saturate the color by 10%, you get **209.8800, 52.0430, -23.5810**, and if you desaturate by 10%, it is **222.5100, 33.0140, -14.6180**.

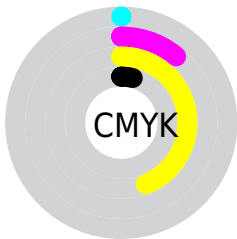
Distribution



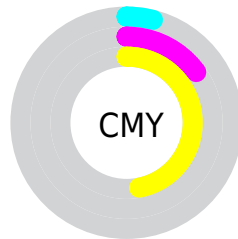
- Red (96%)
- Green (85%)
- Blue (53%)



- Red (68%)
- Yellow (96%)
- Blue (53%)



- Cyan (0%)
- Magenta (11%)
- Yellow (44%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.1380, 42.6890, -19.2550 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 216.1380, 42.6890, -19.2550 by changing the saturation by 10% instead.

216.1380, 42.6890,
-19.2550

216.1380, 42.6890,
-19.2550

255.0000, -0.0000,
-0.0000

188.0670, 41.4510,
-18.8450

247.5900, 20.8650,
-20.2150

160.5830, 39.9380,
-18.9580

250.8960, 11.5560,
-11.1960

134.2130, 38.1040,
-18.7600

254.0880, 2.5680,
-2.4880

108.3160, 36.3160,
-19.3960

82.8490, 36.1330,
-21.5870

61.1890, 29.4840,
-16.7240

40.5010, 20.0380,

-10.7300

■ 21.5850, 11.2340,
-5.3580

■ 0.0000, 0.0000,
0.0000

■ 216.1380, 42.6890,
-19.2550

■ 216.1380, 42.6890,
-19.2550

■ 209.8800, 52.0430,
-23.5810

■ 222.5100, 33.0140,
-14.6180

■ 202.9210, 61.9930,
-27.6950

■ 229.3550, 23.3850,
-10.8150

■ 196.6630, 71.3470,
-32.0210

■ 235.7270, 13.7100,
-6.1780

■ 190.2910, 81.0220,
-36.6580

■ 241.9850, 4.3560,
-1.8520

■ 183.4460, 90.6510,
-40.4610

■ 247.9010, -4.0350,
1.5410

■ 180.0890, 95.9700,
-43.2460

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



212.2780, 48.6470, -6.0810



216.1380, 42.6890, -19.2550



211.5790, 10.2300, -31.2260

Triad

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



216.1380, 42.6890, -19.2550



187.5910, -112.6910, -33.7070



219.1930, 16.7750, 31.9030

Complementary

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



216.1380, 42.6890, -19.2550



164.8620, -42.6890, 19.2550

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.



218.7400, -4.3590, 18.4330



216.1380, 42.6890, -19.2550



194.8330, -89.5850, -22.9370

Square

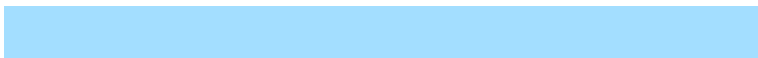
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.1380, 42.6890, -19.2550



196.3330, -76.9740, -36.7340



208.1210, -45.7570, -2.2450



210.9800, 30.2560, 24.3680

Rectangle

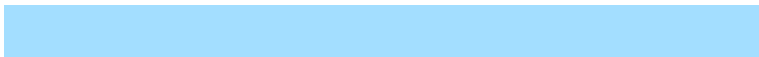
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.1380, 42.6890, -19.2550



207.6990, -16.5910, -35.2390



208.1210, -45.7570, -2.2450



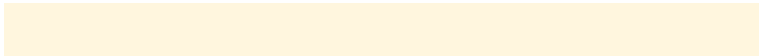
221.5410, 15.6750, 29.8110

Sweetspot

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



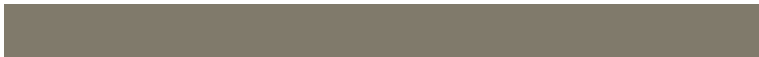
216.1380, 42.6890, -19.2550



245.9550, 13.0680, -5.5560



171.8970, 55.6550, 32.1270



122.0840, 8.3910, -3.3930



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.



216.1380, 42.6890, -19.2550



219.0650, 52.9600, -23.6800



225.0990, 20.0890, -39.1990



118.8710, 4.6770, -2.1630



136.6200, 72.9060, -32.7420



43.4690, 23.0640, -10.5040

Inverse Universe

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



164.8620, -42.6890, 19.2550



155.9350, -52.9600, 23.6800



155.9010, -20.0890, 39.1990



113.1290, -4.6770, 2.1630



49.3800, -72.9060, 32.7420



15.5310, -23.0640, 10.5040

Previews

White Background



This preview shows how the YIQ color 216.1380, 42.6890, -19.2550 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 216.1380, 42.6890, -19.2550 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 216.1380, 42.6890, -19.2550

Background



This preview shows how black text looks on a background with the YIQ color 216.1380, 42.6890, -19.2550.



This preview shows how white text looks on a background with the YIQ color 216.1380, 42.6890, -19.2550.

-19.2550.

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

216.1380, 42.6890, -19.2550

Protanopia

215.6320, 38.2420, -21.2620

Deuteranopia

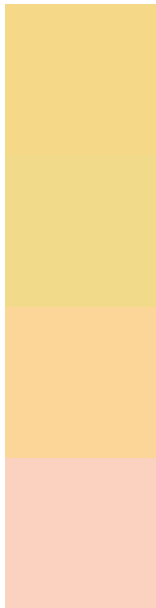
219.0430, 41.9990, -6.7450



Tritanopia

222.2900, 23.1510, 15.4630

Trichromacy



Original Color

216.1380, 42.6890, -19.2550

Protanomaly

215.6430, 39.7090, -20.3150

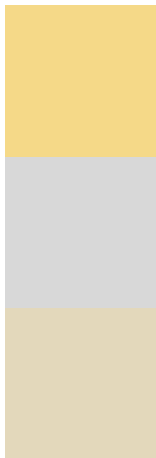
Deuteranomaly

217.9950, 41.9540, -11.4380

Tritanomaly

220.0930, 30.5350, 2.7830

Monochromacy



Original Color

216.1380, 42.6890, -19.2550

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9830, 15.8650, -6.6870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.1380, 42.6890, -19.2550 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(245, 217, 136)` looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 136)  
}
```

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(245, 217, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 136) }
```

Border

The CSS property to change the border of an element to YIQ 216.1380, 42.6890, -19.2550 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(245, 217, 136) }
```


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

```
.border{ border-color:rgb(245, 217, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 217, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 136);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 216.1380, 42.6890, -19.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 136) }
```

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

```
.background{ background-color: rgb(245,  
217, 136) }
```

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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