

Converting Colors

YIQ(213.1980, 42.4600,
-20.6120)

Have a look what the booklet for
YIQ(213.1980, 42.4600, -20.6120)
contains.

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Color

**YIQ(213.1980, 42.4600,
-20.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D783
RGB	241, 215, 131
RGB Percent	95%, 84%, 51%
CMY	0.0549, 0.1569, 0.4860
CMYK	0.00, 0.11, 0.46, 0.05
HSL	46°, 80%, 73%
HSV	46°, 46%, 95%
XYZ	64.6748, 68.9367, 31.3913
YIQ	213.1980, 42.4600, -20.6120

Conversions

Conversions Part 2

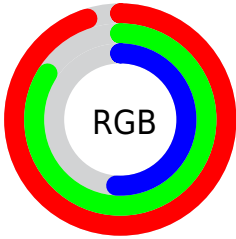
Format	Color
RYB	165, 241, 131
Decimal	15849347
CIELab	86.47, -1.91, 44.55
CIELCh	86, 44.595, 92.458
Yxy	68.9367, 0.3920, 0.4178
Android (android.graphics.Color)	4294039427 (0xFFFF1D783)
YUV	213.1980, -40.5236, 24.3824
Hunter-Lab	83.0281, -6.2565, 35.7033

Details

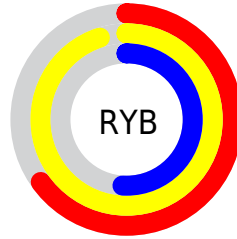
The YIQ color $213.1980, 42.4600, -20.6120$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $158.8020, -42.4600, 20.6120$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.0200, 22.4700, -21.7700$, and $157.7570, 39.3880, -20.0040$ is the 20% darker color. If you saturate the color by 10%, you get $206.9400, 51.8140, -24.9380$, and if you desaturate by 10%, it is $219.4560, 33.1060, -16.2860$.

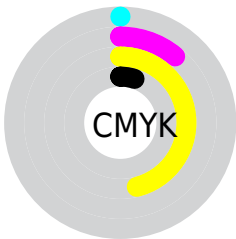
Distribution



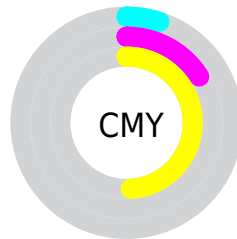
- Red (95%)
- Green (84%)
- Blue (51%)



- Red (65%)
- Yellow (95%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (46%)
- Black (5%)



- Cyan (5%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.1980, 42.4600, -20.6120 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 213.1980, 42.4600, -20.6120 by changing the saturation by 10% instead.

213.1980, 42.4600,
-20.6120

213.1980, 42.4600,
-20.6120

255.0000, -0.0000,
-0.0000

185.1270, 41.2220,
-20.2020

247.0200, 22.4700,
-21.7700

157.7570, 39.3880,
-20.0040

250.2120, 13.4820,
-13.0620

131.2730, 37.8750,
-20.1170

253.5180, 4.1730,
-4.0430

105.2620, 36.4080,
-21.0640

80.0940, 36.8210,
-23.0430

58.8190, 27.6500,
-16.5260

38.7180, 17.9290,

-11.0550

■ 19.8020, 9.1250,
-5.6830

■ 0.0000, 0.0000,
0.0000

■ 213.1980, 42.4600,
-20.6120

■ 213.1980, 42.4600,
-20.6120

■ 206.9400, 51.8140,
-24.9380

■ 219.4560, 33.1060,
-16.2860

■ 201.2690, 60.8930,
-29.7870

■ 225.1270, 24.0270,
-11.4370

■ 195.0110, 70.2470,
-34.1130

■ 231.3850, 14.6730,
-7.1110

■ 188.7530, 79.6010,
-38.4390

■ 237.6430, 5.3190,
-2.7850

■ 182.4950, 88.9550,
-42.7650

■ 244.0150, -4.3560,
1.8520

■ 180.0670, 93.0360,
-45.1400

■ 247.2920, -6.6940,
0.1700

■ 250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



209.8330, 51.3980, -6.3780



213.1980, 42.4600, -20.6120



208.2690, 8.1670, -32.3850

Triad

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



213.1980, 42.4600, -20.6120



179.5400, -125.8490, -37.5370



216.8450, 17.8750, 33.9950

Complementary

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



213.1980, 42.4600, -20.6120



158.8020, -42.4600, 20.6120

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.



216.3920, -3.2590, 20.5250



213.1980, 42.4600, -20.6120



190.3810, -94.1240, -23.2760

Square

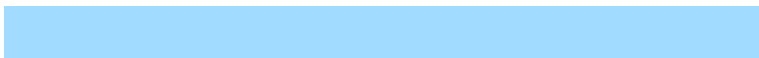
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.1980, 42.4600, -20.6120



191.5710, -83.5760, -38.2320



205.7620, -46.1240, -1.1000



208.0620, 32.9610, 24.9050

Rectangle

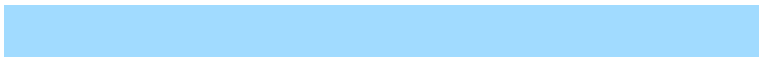
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.1980, 42.4600, -20.6120



204.0900, -19.2500, -36.6100



205.7620, -46.1240, -1.1000



219.1930, 16.7750, 31.9030

Sweetspot

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



213.1980, 42.4600, -20.6120



246.2000, 13.7560, -7.0120



167.0820, 56.5720, 32.0280



121.9700, 8.7120, -3.7040



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.



213.1980, 42.4600, -20.6120



219.6690, 54.0150, -26.2810



220.3870, 19.2180, -39.9340



116.8710, 4.6770, -2.1630



137.1960, 71.1640, -34.2120



41.9850, 21.5510, -10.6170

Inverse Universe

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



158.8020, -42.4600, 20.6120



150.3310, -54.0150, 26.2810



151.9120, -18.6220, 40.1460



111.1290, -4.6770, 2.1630



46.2170, -70.8890, 34.7350



14.0150, -21.5510, 10.6170

Previews

White Background



This preview shows how the YIQ color 213.1980, 42.4600, -20.6120 looks on a white background.

Color Contrast Check

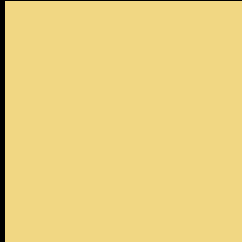
Large Text (above 18pt) WCAG AA × Fail

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 213.1980, 42.4600, -20.6120 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 213.1980, 42.4600, -20.6120

Background



This preview shows how black text looks on a background with the YIQ color 213.1980, 42.4600, -20.6120.



This preview shows how white text looks on a background with the YIQ color 213.1980, 42.4600, -20.6120.

-20.6120.

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

213.1980, 42.4600, -20.6120

Protanopia

213.2900, 39.2050, -22.1950

Deuteranopia

215.5550, 46.3090, -7.7630



Tritanopia

219.5780, 22.2800, 14.7280

Trichromacy



Original Color

213.1980, 42.4600, -20.6120

Protanomaly

213.0020, 40.0760, -21.4600

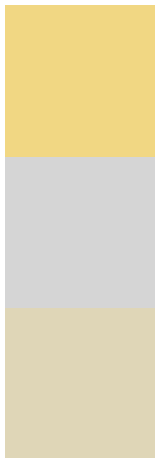
Deuteranomaly

215.0230, 44.7510, -12.5690

Tritanomaly

217.3810, 29.6640, 2.0480

Monochromacy



Original Color

213.1980, 42.4600, -20.6120

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1570, 15.3150, -7.7330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.1980, 42.4600, -20.6120 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(241, 215, 131)` looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 131)  
}
```

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(241, 215, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 131) }
```

Border

The CSS property to change the border of an element to YIQ 213.1980, 42.4600, -20.6120 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(241, 215, 131) }
```


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

```
.border{ border-color:rgb(241, 215, 131) }
```

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

Here you see how a box with a 4 pixel rgb(241, 215, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 215, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 215, 131);  
box-shadow:4px 4px 4px 4px rgb(241, 215,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 213.1980, 42.4600, -20.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 215, 131) }
```

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

```
.background{ background-color: rgb(241,  
215, 131) }
```

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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