

Converting Colors

YIQ(213.3820, 53.1450,
-32.5430)

Have a look what the booklet for
YIQ(213.3820, 53.1450, -32.5430)
contains.

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Color

**YIQ(213.3820, 53.1450,
-32.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DC63
RGB	244, 220, 99
RGB Percent	96%, 86%, 39%
CMY	0.0432, 0.1373, 0.6114
CMYK	0.00, 0.10, 0.59, 0.04
HSL	50°, 87%, 67%
HSV	50°, 59%, 96%
XYZ	65.1529, 71.3155, 22.1552
YIQ	213.3820, 53.1450, -32.5430

Conversions

Conversions Part 2

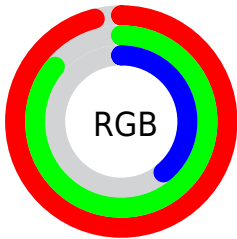
Format	Color
R _Y B	128, 244, 99
Decimal	16047203
CIE Lab	87.64, -5.85, 61.05
CIE LCh	88, 61.332, 95.478
Yxy	71.3155, 0.4107, 0.4496
Android (android.graphics.Color)	4294237283 (0xFFFF4DC63)
YUV	213.3820, -56.3903, 26.8520
Hunter-Lab	84.4485, -10.0703, 43.5591

Details

The YIQ color **213.3820, 53.1450, -32.5430** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **129.6180, -53.1450, 32.5430**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.4860, 32.4210, -31.4110**, and **157.1860, 50.7610, -33.3910** is the 20% darker color. If you saturate the color by 10%, you get **208.2980, 61.9490, -37.9150**, and if you desaturate by 10%, it is **218.4660, 44.3410, -27.1710**.

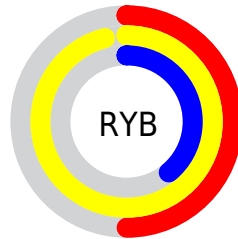
Distribution



Red (96%)

Green (86%)

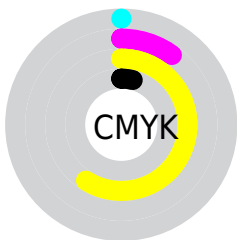
Blue (39%)



Red (50%)

Yellow (96%)

Blue (39%)

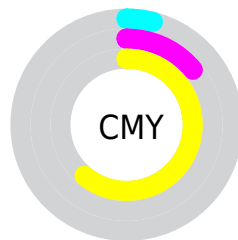


Cyan (0%)

Magenta (10%)

Yellow (59%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.3820, 53.1450, -32.5430 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 213.3820, 53.1450, -32.5430 by changing the saturation by 10% instead.

213.3820, 53.1450,
-32.5430

213.3820, 53.1450,
-32.5430

255.0000, -0.0000,
-0.0000

184.8980, 51.6320,
-32.6560

243.4860, 32.4210,
-31.4110

157.1860, 50.7610,
-33.3910

246.6780, 23.4330,
-22.7030

128.9210, 52.8250,
-37.7590

249.8700, 14.4450,
-13.9950

105.1900, 44.9380,
-32.4860

253.1760, 5.1360,
-4.9760

82.7300, 34.8500,
-25.8700

60.5690, 25.3580,
-19.0420

40.4680, 15.6370,

-13.5710

■ 21.5520, 6.8330,
-8.1990

■ 0.0000, 0.0000,
0.0000

■ 213.3820, 53.1450,
-32.5430

■ 213.3820, 53.1450,
-32.5430

■ 208.2980, 61.9490,
-37.9150

■ 218.4660, 44.3410,
-27.1710

■ 203.1000, 71.0740,
-43.5980

■ 223.6640, 35.2160,
-21.4880

■ 198.0160, 79.8780,
-48.9700

■ 228.7480, 26.4120,
-16.1160

■ 192.8180, 89.0030,
-54.6530

■ 233.9460, 17.2870,
-10.4330

■ 192.7040, 89.3240,
-54.9640

■ 239.0300, 8.4830,
-5.0610

■ 244.1140, -0.3210,
0.3110

■ 247.6020, -4.6310,
1.3290

■ 249.9500, -5.7310,
-0.7630

■ 251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



205.9400, 60.9820, -14.8740



213.3820, 53.1450, -32.5430



207.0430, 5.3270, -47.0010

Triad

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



213.3820, 53.1450, -32.5430



174.0590, -149.7800, -49.8760



210.3880, 20.9000, 39.7480

Complementary

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



213.3820, 53.1450, -32.5430



129.6180, -53.1450, 32.5430

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.



217.6320, 4.9930, 25.1610



213.3820, 53.1450, -32.5430



169.3630, -147.5800, -45.6920

Square

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



213.3820, 53.1450, -32.5430



172.2690, -141.9840, -59.0080



200.6460, -60.6570, -7.5450



200.0890, 37.4990, 30.7710

Rectangle

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



213.3820, 53.1450, -32.5430



199.6220, -36.0280, -51.9320



200.6460, -60.6570, -7.5450



213.9100, 19.2500, 36.6100

Sweetspot

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



213.3820, 53.1450, -32.5430



245.0600, 16.9660, -10.1220



145.0910, 78.7160, 38.2040



121.7590, 10.6840, -6.4040



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.



213.3820, 53.1450, -32.5430



216.7560, 66.3510, -40.6010



213.1180, 17.9370, -55.2710



119.4580, 4.4020, -2.6860



146.5990, 68.2310, -41.6330



46.4040, 21.6890, -13.1190

Inverse Universe

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



129.6180, -53.1450, 32.5430



112.2440, -66.3510, 40.6010



129.8820, -17.9370, 55.2710



112.5420, -4.4020, 2.6860



39.4010, -68.2310, 41.6330



12.5960, -21.6890, 13.1190

Previews

White Background



This preview shows how the YIQ color 213.3820, 53.1450, -32.5430 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 213.3820, 53.1450, -32.5430 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 213.3820, 53.1450, -32.5430

Background



This preview shows how black text looks on a background with the YIQ color 213.3820, 53.1450, -32.5430.



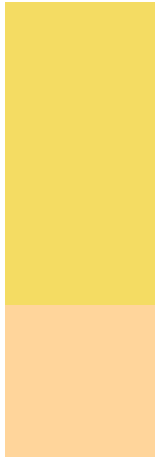
This preview shows how white text looks on a background with the YIQ color 213.3820, 53.1450, -32.5430.

-32.5430.

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

213.3820, 53.1450, -32.5430

Protanopia

213.3820, 53.1450, -32.5430

Deuteranopia

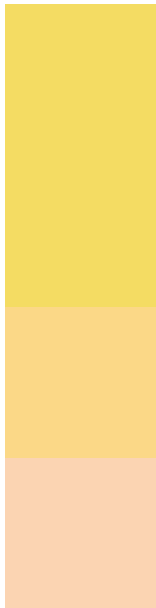
218.9460, 43.6500, -9.1340



Tritanopia

223.1760, 23.4720, 15.1520

Trichromacy



Original Color

213.3820, 53.1450, -32.5430

Protanomaly

213.3820, 53.1450, -32.5430

Deuteranomaly

217.2310, 46.8610, -17.7710

Tritanomaly

219.7850, 34.1580, -2.3060

Monochromacy



Original Color

213.3820, 53.1450, -32.5430

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.3760, 18.8920, -11.9880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.3820, 53.1450, -32.5430 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(244, 220, 99)` looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 99)  
}
```

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(244, 220, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 99) }
```

Border

The CSS property to change the border of an element to YIQ 213.3820, 53.1450, -32.5430 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(244, 220, 99) }
```


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

```
.border{ border-color:rgb(244, 220, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 220, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 220, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 220, 99);  
box-shadow:4px 4px 4px 4px rgb(244, 220,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 213.3820, 53.1450, -32.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 99) }
```

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

```
.background{ background-color: rgb(244,  
220, 99) }
```

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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