

Converting Colors

YIQ(213.3890, 52.4080,
-13.6720)

Have a look what the booklet for
YIQ(213.3890, 52.4080, -13.6720)
contains.

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Color

**YIQ(213.3890, 52.4080,
-13.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD084
RGB	255, 208, 132
RGB Percent	100%, 82%, 52%
CMY	0.0000, 0.1844, 0.4821
CMYK	0.00, 0.18, 0.48, 0.00
HSL	37°, 100%, 76%
HSV	37°, 48%, 100%
XYZ	67.9605, 68.0298, 31.4034
YIQ	213.3890, 52.4080, -13.6720

Conversions

Conversions Part 2

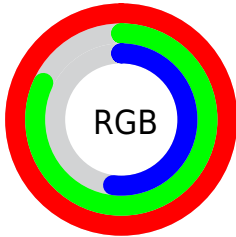
Format	Color
R _Y B	208, 255, 132
Decimal	16765060
CIE Lab	86.02, 7.36, 43.76
CIE LCh	86, 44.373, 80.455
Yxy	68.0298, 0.4060, 0.4064
Android (android.graphics.Color)	4294955140 (0xFFFFD084)
YUV	213.3890, -40.1248, 36.4928
Hunter-Lab	82.4802, 2.7368, 35.1622

Details

The YIQ color $213.3890, 52.4080, -13.6720$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $173.6110, -52.4080, 13.6720$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.1340, 22.1490, -21.4590$, and $158.2360, 48.4650, -13.7990$ is the 20% darker color. If you saturate the color by 10%, you get $204.6690, 63.1830, -16.2170$, and if you desaturate by 10%, it is $222.2230, 41.3120, -10.8160$.

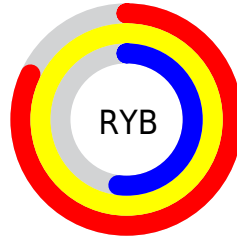
Distribution



Red (100%)

Green (82%)

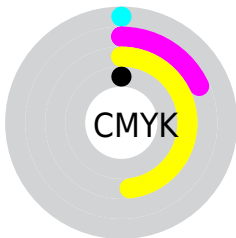
Blue (52%)



Red (82%)

Yellow (100%)

Blue (52%)

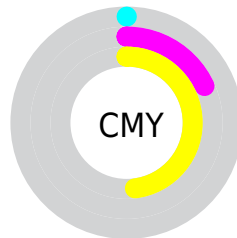


Cyan (0%)

Magenta (18%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.3890, 52.4080, -13.6720 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 213.3890, 52.4080, -13.6720 by changing the saturation by 10% instead.

 213.3890, 52.4080,
-13.6720


 213.3890, 52.4080,
-13.6720

255.0000, -0.0000,
-0.0000


 185.0190, 50.5740,
-13.4740


 247.1340, 22.1490,
-21.4590


 158.2360, 48.4650,
-13.7990


 250.3260, 13.1610,
-12.7510

 131.4530, 46.3560,
-14.1240

 253.6320, 3.8520,
-3.7320

 105.5560, 44.5680,
-14.7600

 80.2030, 44.0640,
-16.6400

 58.2870, 35.2600,
-11.2680

 38.1860, 25.5390,

-5.7970

■ 18.9710, 16.1390,
-0.6370

■ 0.0000, 0.0000,
0.0000

■ 213.3890, 52.4080,
-13.6720

■ 213.3890, 52.4080,
-13.6720

■ 204.6690, 63.1830,
-16.2170

■ 222.2230, 41.3120,
-10.8160

■ 195.8350, 74.2790,
-19.0730

■ 230.3560, 30.8120,
-7.7480

■ 187.7020, 84.7790,
-22.1410

■ 239.1900, 19.7160,
-4.8920

■ 178.8680, 95.8750,
-24.9970

■ 247.9100, 8.9410,
-2.3470

■ 170.1480, 255.0000, -0.0000,
106.6500, -27.5420 -0.0000

■ 168.4040,
108.8050, -28.0510

Harmonies

Analogous

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



207.4510, 49.8380, -0.1300



213.3890, 52.4080, -13.6720



209.6900, 23.1590, -28.7530

Triad

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



213.3890, 52.4080, -13.6720



182.3690, -112.1860, -37.3540



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.



213.3890, 52.4080, -13.6720



173.6110, -52.4080, 13.6720

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.



211.8520, -19.5340, 12.6100



213.3890, 52.4080, -13.6720



183.1830, -111.3620, -30.2580

Square

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



213.3890, 52.4080, -13.6720



195.1080, -63.2190, -38.2190



199.1400, -65.1040, -9.5520



210.4730, 27.5500, 29.3580

Rectangle

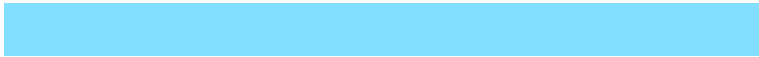
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.3890, 52.4080, -13.6720



205.9410, -2.6530, -34.5330



199.1400, -65.1040, -9.5520



217.3440, 5.8640, 25.8960

Sweetspot

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



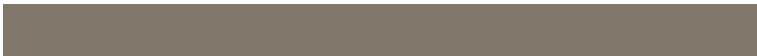
213.3890, 52.4080, -13.6720



242.6780, 15.4060, -3.8740



174.1350, 58.2210, 40.6930



120.2090, 9.5370, -2.1350



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.



213.3890, 52.4080, -13.6720



204.6690, 63.1830, -16.2170



236.7920, 31.1390, -41.2210



123.5830, 5.5480, -1.4280



126.3750, 81.3860, -21.2220



42.0290, 27.4190, -6.8290

Inverse Universe

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



173.6110, -52.4080, 13.6720



157.3310, -63.1830, 16.2170



150.2080, -31.1390, 41.2210



119.4170, -5.5480, 1.4280



64.6250, -81.3860, 21.2220



21.3840, -27.1440, 7.3520

Previews

White Background



This preview shows how the YIQ color 213.3890, 52.4080, -13.6720 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 213.3890, 52.4080, -13.6720 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 213.3890, 52.4080, -13.6720

Background



This preview shows how black text looks on a background with the YIQ color 213.3890, 52.4080, -13.6720.



This preview shows how white text looks on a background with the YIQ color 213.3890, 52.4080, -13.6720.

-13.6720.

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

213.3890, 52.4080, -13.6720

Protanopia

211.8600, 37.6000, -20.6400

Deuteranopia

214.5120, 47.8680, -8.4840



Tritanopia

218.6280, 28.0110, 15.4910

Trichromacy



Original Color

213.3890, 52.4080, -13.6720

Protanomaly

212.0780, 42.9180, -17.8980

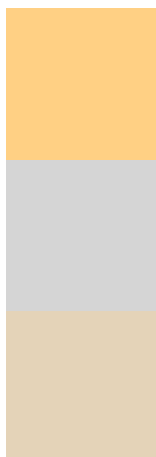
Deuteranomaly

213.9420, 49.4730, -10.0390

Tritanomaly

216.9690, 36.8160, 4.5920

Monochromacy



Original Color

213.3890, 52.4080, -13.6720

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.0050, 18.7990, -4.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.3890, 52.4080, -13.6720 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(255, 208, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 132)  
}
```

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(255, 208, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 132) }
```

Border

The CSS property to change the border of an element to YIQ 213.3890, 52.4080, -13.6720 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(255, 208, 132) }
```


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

```
.border{ border-color:rgb(255, 208, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 213.3890, 52.4080, -13.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 132) }
```

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

```
.background{ background-color: rgb(255,  
208, 132) }
```

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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