

Converting Colors

YIQ(213.4740, -1.6950, -7.8310)

Have a look what the booklet for
YIQ(213.4740, -1.6950, -7.8310)
contains.

YIQ(213.4740, -1.6950, -7.8310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(213.4740, -1.6950,
-7.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	CFDBCA
RGB	207, 219, 202
RGB Percent	81%, 86%, 79%
CMY	0.1883, 0.1411, 0.2078
CMYK	0.05, 0.00, 0.08, 0.14
HSL	102°, 19%, 83%
HSV	102°, 8%, 86%
XYZ	61.7230, 68.1940, 65.7877
YIQ	213.4740, -1.6950, -7.8310

Conversions

Conversions Part 2

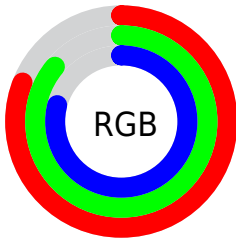
Format	Color
RYB	202, 219, 214
Decimal	13622218
CIELab	86.10, -7.12, 6.96
CIElCh	86, 9.954, 135.631
Yxy	68.1940, 0.3154, 0.3485
Android (android.graphics.Color)	4291812298 (0xFFCFDBCA)
YUV	213.4740, -5.6567, -5.6777
Hunter-Lab	82.5796, -11.0969, 10.5719

Details

The YIQ color $213.4740, -1.6950, -7.8310$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $207.5260, 1.6950, 7.8310$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.8870, -1.4200, -7.3080$ is the 20% darker color. If you saturate the color by 10%, you get $206.4810, -3.5730, -17.8530$, and if you desaturate by 10%, it is $220.4670, 0.1830, 2.1910$.

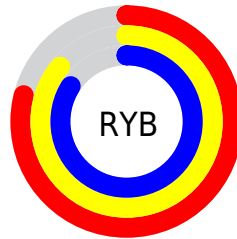
Distribution



Red (81%)

Green (86%)

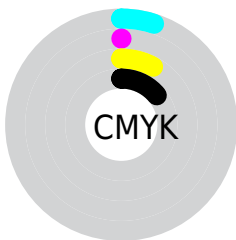
Blue (79%)



Red (79%)

Yellow (86%)

Blue (84%)

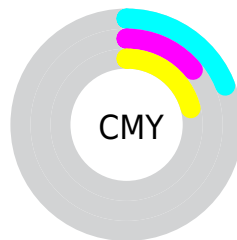


Cyan (5%)

Magenta (0%)

Yellow (8%)

Black (14%)



Cyan (19%)

Magenta (14%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.4740, -1.6950, -7.8310 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 213.4740, -1.6950, -7.8310 by changing the saturation by 10% instead.

■ 213.4740, -1.6950,
-7.8310

■ 213.4740, -1.6950,
-7.8310

255.0000, -0.0000,
-0.0000

■ 185.5880, -2.0160,
-7.5200

■ 158.8870, -1.4200,
-7.3080

■ 132.8870, -1.4200,
-7.3080

■ 107.3000, -1.1450,
-6.7850

■ 83.4140, -1.4660,
-6.4740

■ 60.4140, -1.4660,
-6.4740

■ 38.5280, -1.7870,

-6.1630

■ 17.0720, -0.5030,
-7.4070

■ 0.0000, 0.0000,
0.0000

■ 213.4740, -1.6950,
-7.8310

■ 213.4740, -1.6950,
-7.8310

■ 206.4810, -3.5730,
-17.8530

■ 220.4670, 0.1830,
2.1910

■ 199.1890, -6.0470,
-28.0870

■ 227.7590, 2.6570,
12.4250

■ 192.1960, -7.9250,
-38.1090

■ 233.2700, 8.7080,
18.4040

■ 184.9040,
-10.3990, -48.3430

■ 233.8680, 9.9000,
18.8280

■ 177.9110,
-12.2770, -58.3650

■ 170.7330,
-15.0720, -68.2880

■ 163.7400,
-16.9500, -78.3100

■ 156.4480,
-19.4240, -88.5440

■ 149.4550,
-21.3020, -98.5660

Harmonies

Analogous

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



214.4320, 7.2910, -5.4850



213.4740, -1.6950, -7.8310



212.8690, -10.1770, -8.2970

Triad

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



213.4740, -1.6950, -7.8310



214.6270, -14.9470, 1.0610



217.3010, 15.4500, 6.3460

Complementary

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



213.4740, -1.6950, -7.8310



207.5260, 1.6950, 7.8310

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.



217.7180, 9.9020, 7.7740



213.4740, -1.6950, -7.8310



215.5680, -7.2910, 5.4850

Square

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



213.4740, -1.6950, -7.8310



213.1380, -18.0640, -3.0240



216.6400, 1.3740, 8.1420



216.8510, 16.5970, 2.0770

Rectangle

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



213.4740, -1.6950, -7.8310



212.4710, -14.8080, -6.9680



216.6400, 1.3740, 8.1420



217.3440, 13.8910, 7.0670

Sweetspot

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



213.4740, -1.6950, -7.8310



253.2340, -0.7790, -2.4030



214.1270, 6.8320, -2.6720



127.0600, -0.2290, -1.3570



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.



213.4740, -1.6950, -7.8310



247.5940, -2.1530, -10.5450



212.3210, -5.6380, -7.9580



106.3540, -1.2370, -5.1170



116.8000, -17.1790, -79.6670



30.8890, -4.9020, -21.3020

Inverse Universe

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



207.5260, 1.6950, 7.8310



239.4060, 2.1530, 10.5450



208.6790, 5.6380, 7.9580



102.3470, 0.6410, 4.9050



56.4990, 17.7750, 79.8790



14.8120, 4.3060, 21.0900

Previews

White Background



This preview shows how the YIQ color 213.4740, -1.6950, -7.8310 looks on a white background.

Color Contrast Check

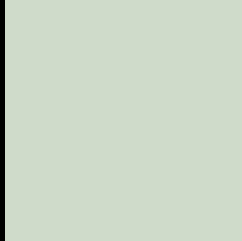
Large Text (above 18pt) WCAG AA × Fail

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 213.4740, -1.6950, -7.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

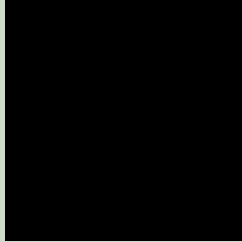
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

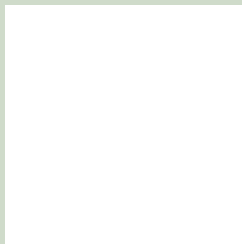
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.4740, -1.6950, -7.8310

Background



This preview shows how black text looks on a background with the YIQ color 213.4740, -1.6950, -7.8310.



This preview shows how white text looks on a background with the YIQ color 213.4740, -1.6950,

-7.8310.

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

213.4740, -1.6950, -7.8310

Protanopia

214.9810, 10.1790, -2.7570

Deuteranopia

217.1120, 20.3560, 5.5400



Tritanopia

216.0410, -7.2450, 4.6510

Trichromacy



Original Color

213.4740, -1.6950, -7.8310

Protanomaly

214.4750, 5.7320, -4.7640

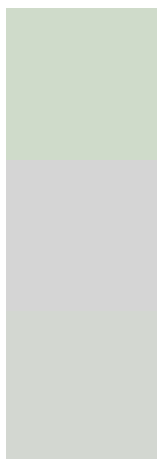
Deuteranomaly

215.7580, 12.4250, 0.5930

Tritanomaly

214.7760, -5.1810, 0.2830

Monochromacy



Original Color

213.4740, -1.6950, -7.8310

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1200, -0.4580, -2.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.4740, -1.6950, -7.8310 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(207, 219, 202)` looks like.

```
.text, #text, p{  
    color:rgb(207, 219, 202)  
}
```

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(207, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 219, 202) }
```

Border

The CSS property to change the border of an element to YIQ 213.4740, -1.6950, -7.8310 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(207, 219, 202) }
```


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

```
.border{ border-color:rgb(207, 219, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 219, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 219,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 213.4740, -1.6950, -7.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 219, 202) }
```

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

```
.background{ background-color: rgb(207,  
219, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor