

Converting Colors

YIQ(204.7250, 16.0510,
-21.0770)

Have a look what the booklet for
YIQ(204.7250, 16.0510, -21.0770)
contains.

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Color

**YIQ(204.7250, 16.0510,
-21.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD697
RGB	207, 214, 151
RGB Percent	81%, 84%, 59%
CMY	0.1883, 0.1608, 0.4077
CMYK	0.03, 0.00, 0.29, 0.16
HSL	67°, 43%, 72%
HSV	67°, 29%, 84%
XYZ	55.3637, 63.5932, 38.6471
YIQ	204.7250, 16.0510, -21.0770

Conversions

Conversions Part 2

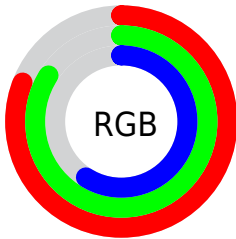
Format	Color
RYB	151, 214, 158
Decimal	13620887
CIELab	83.75, -12.40, 30.38
CIELCh	84, 32.815, 112.201
Yxy	63.5932, 0.3513, 0.4035
Android (android.graphics.Color)	4291810967 (0xFFCFD697)
YUV	204.7250, -26.4864, 1.9952
Hunter-Lab	79.7453, -15.6297, 27.0879

Details

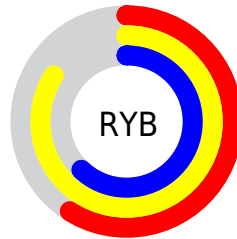
The YIQ color $204.7250, 16.0510, -21.0770$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $160.2750, -16.0510, 21.0770$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, 15.7290, -15.2390$, and $150.0670, 15.0880, -20.1440$ is the 20% darker color. If you saturate the color by 10%, you get $201.7330, 21.6000, -28.0320$, and if you desaturate by 10%, it is $207.7170, 10.5020, -14.1220$.

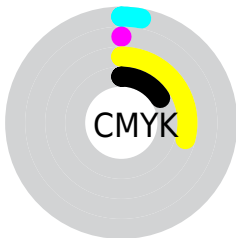
Distribution



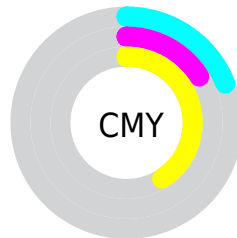
- Red (81%)
- Green (84%)
- Blue (59%)



- Red (59%)
- Yellow (84%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.7250, 16.0510, -21.0770 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 204.7250, 16.0510, -21.0770 by changing the saturation by 10% instead.

■ 204.7250, 16.0510,
-21.0770

■ 204.7250, 16.0510,
-21.0770

255.0000, -0.0000,
-0.0000

■ 176.9530, 15.4090,
-20.4550

■ 249.4140, 15.7290,
-15.2390

■ 150.0670, 15.0880,
-20.1440

■ 252.6060, 6.7410,
-6.5310

■ 123.9960, 13.8500,
-19.7340

■ 99.1100, 13.5290,
-19.4230

■ 74.9250, 12.6120,
-19.3240

■ 51.5120, 12.3370,
-19.8470

■ 31.5640, 6.5590,

-14.2490

■ 11.7400, -5.5000,
-10.4600

■ 0.0000, 0.0000,
0.0000

■ 204.7250, 16.0510,
-21.0770

■ 204.7250, 16.0510,
-21.0770

■ 201.7330, 21.6000,
-28.0320

■ 207.7170, 10.5020,
-14.1220

■ 198.3280, 26.8740,
-35.5100

■ 211.1220, 5.2280,
-6.6440

■ 195.3360, 32.4230,
-42.4650

■ 214.1140, -0.3210,
0.3110

■ 191.9310, 37.6970,
-49.9430

■ 217.5190, -5.5950,
7.7890

■ 188.9390, 43.2460,
-56.8980

■ 220.1690,
-10.1810, 13.8110

■ 185.9470, 48.7950,
-63.8530

■ 220.7670, -8.9890,
14.2350

■ 182.5420, 54.0690,
-71.3310

■ 221.6640, -7.2010,
14.8710

■ 182.4280, 54.3900,
-71.6420

■ 222.2620, -6.0090,
15.2950

■ 222.8600, -4.8170,
15.7190

Harmonies

Analogous

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



207.7820, 38.2400, -10.2080



204.7250, 16.0510, -21.0770



200.5350, -12.8330, -26.2490

Triad

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



204.7250, 16.0510, -21.0770



195.5630, -70.7890, -11.1490



210.8660, 30.5770, 24.0570

Complementary

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



204.7250, 16.0510, -21.0770



160.2750, -16.0510, 21.0770

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.



213.5080, 11.2740, 26.9700



204.7250, 16.0510, -21.0770



201.9300, -46.5370, 0.8790

Square

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



204.7250, 16.0510, -21.0770



193.0820, -68.3570, -22.1890



209.2160, -17.5630, 15.4370



207.3320, 40.5280, 14.4160

Rectangle

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



204.7250, 16.0510, -21.0770



197.8730, -34.3360, -27.5200



209.2160, -17.5630, 15.4370



212.5930, 27.0920, 26.6440

Sweetspot

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



204.7250, 16.0510, -21.0770



251.4810, 5.5950, -7.7890



173.3590, 35.8980, 10.2180



125.6920, 3.6230, -5.0890



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.



204.7250, 16.0510, -21.0770



241.8640, 22.6090, -29.7990



195.4560, -2.4250, -27.6490



105.4470, 2.9350, -3.6330



145.8250, 43.5670, -57.2090



36.9020, 11.4190, -14.2210

Inverse Universe

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



160.2750, -16.0510, 21.0770



179.1360, -22.6090, 29.7990



169.5440, 2.4250, 27.6490



97.8520, -2.3390, 3.8450



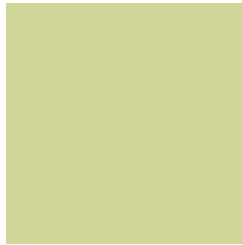
25.1750, -43.5670, 57.2090



6.3970, -10.8230, 14.4330

Previews

White Background



This preview shows how the YIQ color 204.7250, 16.0510, -21.0770 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 204.7250, 16.0510, -21.0770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

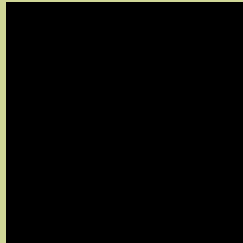
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

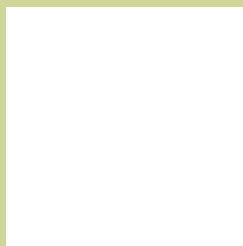
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.7250, 16.0510, -21.0770

Background



This preview shows how black text looks on a background with the YIQ color 204.7250, 16.0510, -21.0770.



This preview shows how white text looks on a background with the YIQ color 204.7250, 16.0510, -21.0770.

-21.0770.

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

204.7250, 16.0510, -21.0770

Protanopia

206.3570, 29.0710, -14.7450

Deuteranopia

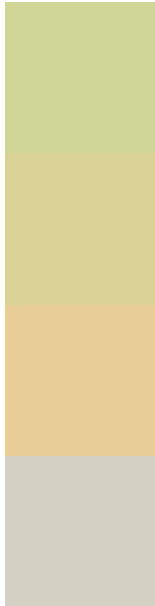
208.8090, 42.7780, -4.3420



Tritanopia

210.1130, 1.4200, 7.3080

Trichromacy



Original Color

204.7250, 16.0510, -21.0770

Protanomaly

205.5520, 24.0280, -16.9640

Deuteranomaly

207.1450, 32.7840, -10.4480

Tritanomaly

208.1270, 6.8320, -2.6720

Monochromacy



Original Color

204.7250, 16.0510, -21.0770

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.7800, 6.1910, -7.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.7250, 16.0510, -21.0770 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, 214, 151)` looks like.

```
.text, #text, p{  
    color:rgb(207, 214, 151)  
}
```

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, 214, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 214, 151) }
```

Border

The CSS property to change the border of an element to YIQ 204.7250, 16.0510, -21.0770 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, 214, 151) }
```


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

```
.border{ border-color:rgb(207, 214, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 214, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 214, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 214, 151);  
box-shadow:4px 4px 4px 4px rgb(207, 214,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 204.7250, 16.0510, -21.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 214, 151) }
```

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

```
.background{ background-color: rgb(207,  
214, 151) }
```

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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