

Converting Colors

YIQ(204.7840, 0.3680, -6.6720)

Have a look what the booklet for
YIQ(204.7840, 0.3680, -6.6720)
contains.

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Color

**YIQ(204.7840, 0.3680,
-6.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D1C1
RGB	201, 209, 193
RGB Percent	79%, 82%, 76%
CMY	0.2118, 0.1804, 0.2431
CMYK	0.04, 0.00, 0.08, 0.18
HSL	90°, 15%, 79%
HSV	90°, 8%, 82%
XYZ	56.5127, 61.8695, 59.4176
YIQ	204.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

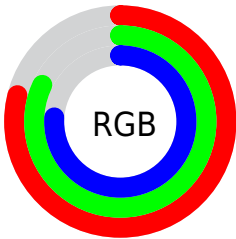
Format	Color
RYB	193, 209, 201
Decimal	13226433
CIELab	82.84, -5.61, 6.98
CIElCh	83, 8.958, 128.770
Yxy	61.8695, 0.3178, 0.3480
Android (android.graphics.Color)	4291416513 (0xFFC9D1C1)
YUV	204.7840, -5.8095, -3.3186
Hunter-Lab	78.6571, -9.4033, 10.2723

Details

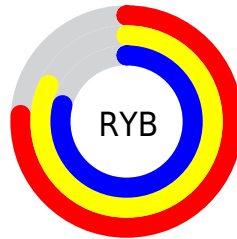
The YIQ color $204.7840, 0.3680, -6.6720$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $197.2160, -0.3680, 6.6720$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, 1.9260, -1.8660$, and $150.8980, 0.0470, -6.3610$ is the 20% darker color. If you saturate the color by 10%, you get $199.4000, 1.1490, -15.3230$, and if you desaturate by 10%, it is $210.1680, -0.4130, 1.9790$.

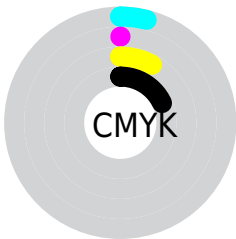
Distribution



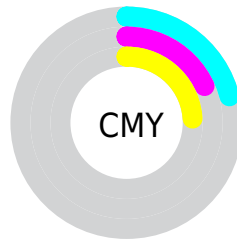
- Red (79%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)





- Cyan (21%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.7840, 0.3680, -6.6720 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 204.7840, 0.3680, -6.6720 by changing the saturation by 10% instead.


 204.7840, 0.3680,
-6.6720


 204.7840, 0.3680,
-6.6720


255.0000, -0.0000,
-0.0000


 177.1970, 0.6430,
-6.1490

 254.3160, 1.9260,
-1.8660

 150.8980, 0.0470,
-6.3610

 124.8980, 0.0470,
-6.3610

 100.0120, -0.2740,
-6.0500

 76.3110, 0.3220,
-5.8380

 53.4250, 0.0010,
-5.5270

 31.8380, 0.2760,

-5.0040

■ 8.5170, -3.2540,
-7.1100

■ 0.0000, 0.0000,
0.0000

■ 204.7840, 0.3680,
-6.6720

■ 204.7840, 0.3680,
-6.6720

■ 199.4000, 1.1490,
-15.3230

■ 210.1680, -0.4130,
1.9790

■ 193.7170, 1.3340,
-24.1860

■ 215.8510, -0.5980,
10.8420

■ 188.3330, 2.1150,
-32.8370

■ 221.1210, -1.0580,
19.1820

■ 182.6500, 2.3000,
-41.7000

■ 224.4100, 5.4980,
21.5140

■ 177.3800, 2.7600,
-50.0400

■ 227.4000, 11.4580,
23.6340

■ 171.6970, 2.9450,
-58.9030

■ 227.9980, 12.6500,
24.0580

■ 166.3130, 3.7260,
-67.5540

■ 160.6300, 3.9110,
-76.4170

■ 155.2460, 4.6920,
-85.0680

Harmonies

Analogous

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



205.6710, 8.1160, -3.9160



204.7840, 0.3680, -6.6720



204.0650, -7.7930, -7.4490

Triad

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



204.7840, 0.3680, -6.6720



205.1000, -14.9010, 0.2270



208.2190, 12.7450, 5.8090

Complementary

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



204.7840, 0.3680, -6.6720



197.2160, -0.3680, 6.6720

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.



208.0490, 7.4720, 7.7600



204.7840, 0.3680, -6.6720



206.4430, -8.4370, 4.2270

Square

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



204.7840, 0.3680, -6.6720



204.0950, -16.5050, -3.7450



207.2160, -0.3680, 6.6720



207.8940, 15.0380, 2.7980

Rectangle

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



204.7840, 0.3680, -6.6720



203.5530, -12.1030, -6.4310



207.2160, -0.3680, 6.6720



208.2620, 11.1860, 6.5300

Sweetspot

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



204.7840, 0.3680, -6.6720



253.5330, -0.1830, -2.1910



202.4800, 7.3360, -0.7920



127.0600, -0.2290, -1.3570



0.0000, 0.0000, 0.0000



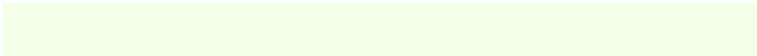
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



204.7840, 0.3680, -6.6720



249.0890, 0.8270, -9.4850



202.3920, -4.4000, -8.3680



101.9520, -0.0450, -4.6930



123.7320, 3.8640, -70.0560



30.0470, 0.6450, -17.2030

Inverse Universe

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



197.2160, -0.3680, 6.6720



238.2100, -0.2310, 9.6970



199.6080, 4.4000, 8.3680



96.7490, -0.5510, 4.4810



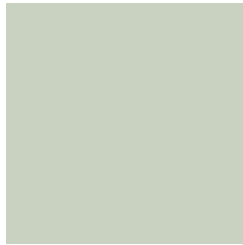
44.2680, -3.8640, 70.0560



10.6540, -1.2410, 16.9910

Previews

White Background



This preview shows how the YIQ color 204.7840, 0.3680, -6.6720 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 204.7840, 0.3680, -6.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

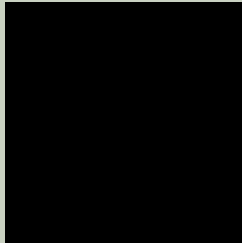
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

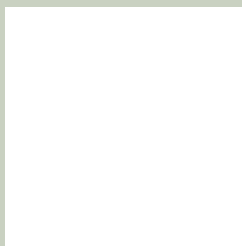
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.7840, 0.3680, -6.6720

Background



This preview shows how black text looks on a background with the YIQ color 204.7840, 0.3680, -6.6720.



This preview shows how white text looks on a background with the YIQ color 204.7840, 0.3680, -6.6720.

-6.6720.

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

204.7840, 0.3680, -6.6720

Protanopia

205.7960, 9.2620, -2.6580

Deuteranopia

207.8130, 19.7600, 5.3280



Tritanopia

206.8240, -5.1360, 4.9760

Trichromacy



Original Color

204.7840, 0.3680, -6.6720

Protanomaly

205.3010, 6.2820, -3.7180

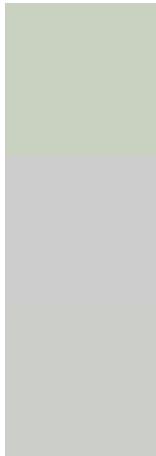
Deuteranomaly

206.7580, 12.4250, 0.5930

Tritanomaly

205.9720, -2.7970, 1.1310

Monochromacy



Original Color

204.7840, 0.3680, -6.6720

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8320, 0.4130, -1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.7840, 0.3680, -6.6720 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(201, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(201, 209, 193)  
}
```

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(201, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 209, 193) }
```

Border

The CSS property to change the border of an element to YIQ 204.7840, 0.3680, -6.6720 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(201, 209, 193) }
```


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

```
.border{ border-color:rgb(201, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 209, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 209, 193); box-shadow:4px 4px 4px 4px rgb(201, 209, 193) }
```

Background

The CSS property to change the background color of an element to YIQ 204.7840, 0.3680, -6.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 209, 193) }
```

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

```
.background{ background-color: rgb(201,  
209, 193) }
```

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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