

Converting Colors

YIQ(204.4900, 1.3760, -2.9120)

Have a look what the booklet for
YIQ(204.4900, 1.3760, -2.9120)
contains.

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Color

**YIQ(204.4900, 1.3760,
-2.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCEC6
RGB	204, 206, 198
RGB Percent	80%, 81%, 78%
CMY	0.2000, 0.1921, 0.2235
CMYK	0.01, 0.00, 0.04, 0.19
HSL	75°, 8%, 79%
HSV	75°, 4%, 81%
XYZ	57.1660, 61.0574, 62.2002
YIQ	204.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

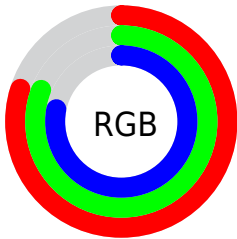
Format	Color
RYB	198, 206, 200
Decimal	13422278
CIELab	82.41, -2.12, 3.72
CIELCh	82, 4.286, 119.698
Yxy	61.0574, 0.3168, 0.3384
Android (android.graphics.Color)	4291612358 (0xFFCCCEC6)
YUV	204.4900, -3.1996, -0.4297
Hunter-Lab	78.1392, -6.1544, 7.5016

Details

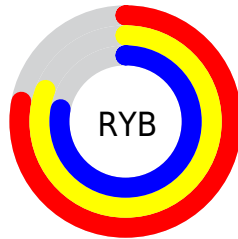
The YIQ color $204.4900, 1.3760, -2.9120$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $199.5100, -1.3760, 2.9120$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $150.4900, 1.3760, -2.9120$ is the 20% darker color. If you saturate the color by 10%, you get $200.6010, 5.1370, -10.5030$, and if you desaturate by 10%, it is $208.3790, -2.3850, 4.6790$.

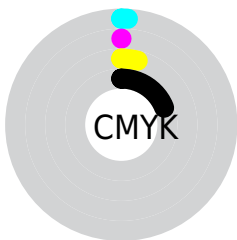
Distribution



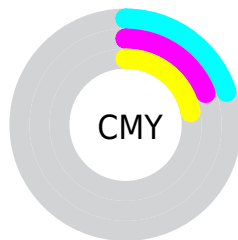
- Red (80%)
- Green (81%)
- Blue (78%)



- Red (78%)
- Yellow (81%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.4900, 1.3760, -2.9120 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 204.4900, 1.3760, -2.9120 by changing the saturation by 10% instead.

■ 204.4900, 1.3760,
-2.9120

■ 204.4900, 1.3760,
-2.9120

255.0000, -0.0000,
-0.0000

■ 177.4900, 1.3760,
-2.9120

■ 150.4900, 1.3760,
-2.9120

■ 124.6040, 1.0550,
-2.6010

■ 99.6040, 1.0550,
-2.6010

■ 75.6040, 1.0550,
-2.6010

■ 53.0170, 1.3300,
-2.0780

■ 31.7180, 0.7340,

-2.2900

■ 8.2620, 2.0180,
-3.5340

■ 0.0000, 0.0000,
0.0000

■ 204.4900, 1.3760,
-2.9120

■ 204.4900, 1.3760,
-2.9120

■ 200.6010, 5.1370,
-10.5030

■ 208.3790, -2.3850,
4.6790

■ 196.8260, 8.5770,
-17.7830

■ 212.1540, -5.8250,
11.9590

■ 192.6380, 11.7420,
-25.5860

■ 215.7720, -7.3850,
18.2070

■ 188.8630, 15.1820,
-32.8660

■ 217.2670, -4.4050,
19.2670

■ 184.9740, 18.9430,
-40.4570

■ 218.7620, -1.4250,
20.3270

■ 181.0850, 22.7040,
-48.0480

■ 220.2570, 1.5550,
21.3870

■ 177.3100, 26.1440,
-55.3280

■ 221.7520, 4.5350,
22.4470

■ 173.4210, 29.9050,
-62.9190

■ 223.2470, 7.5150,
23.5070

■ 169.3470, 32.7490,
-70.4110

■ 225.0410, 11.0910,
24.7790

Harmonies

Analogous

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



205.2840, 4.9520, -1.6400



204.4900, 1.3760, -2.9120



203.9240, -2.8420, -3.5620

Triad

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



204.4900, 1.3760, -2.9120



204.5800, -7.5650, -0.5650



205.6310, 5.5930, 3.2650

Complementary

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



204.4900, 1.3760, -2.9120



199.5100, -1.3760, 2.9120

Split Complementary

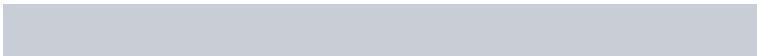
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



205.7770, 2.2460, 3.3500



204.4900, 1.3760, -2.9120



204.7160, -4.9520, 1.6400

Square

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



204.4900, 1.3760, -2.9120



203.9390, -7.1980, -1.7100



205.5100, -1.3760, 2.9120



206.0610, 7.1980, 1.7100

Rectangle

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



204.4900, 1.3760, -2.9120



203.5540, -4.6760, -3.3640



205.5100, -1.3760, 2.9120



206.4460, 4.6760, 3.3640

Sweetspot

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



204.4900, 1.3760, -2.9120



254.3590, 0.3670, -1.1450



201.5660, 4.2180, 0.6500



127.4730, 0.0460, -0.8340



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.



204.4900, 1.3760, -2.9120



252.6210, 2.3850, -4.6790



203.2940, -1.0080, -3.7600



100.7180, 0.7340, -2.2900



134.5180, 28.2540, -60.5300



30.9770, 6.8340, -13.7260

Inverse Universe

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



199.5100, -1.3760, 2.9120



244.3790, -2.3850, 4.6790



200.7060, 1.0080, 3.7600



96.9830, -1.3300, 2.0780



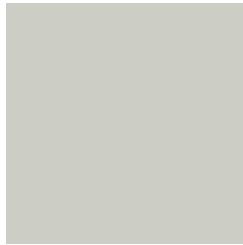
31.4820, -28.2540, 60.5300



7.3220, -6.2380, 13.9380

Previews

White Background



This preview shows how the YIQ color 204.4900, 1.3760, -2.9120 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 204.4900, 1.3760, -2.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

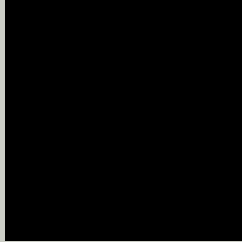
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

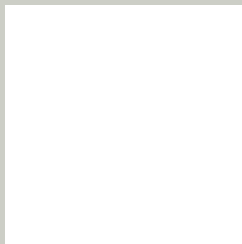
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.4900, 1.3760, -2.9120

Background



This preview shows how black text looks on a background with the YIQ color 204.4900, 1.3760, -2.9120.



This preview shows how white text looks on a background with the YIQ color 204.4900, 1.3760,

-2.9120.

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

204.4900, 1.3760, -2.9120

Protanopia

204.9960, 5.8230, -0.9050

Deuteranopia

206.8990, 16.6420, 6.7700



Tritanopia

206.0200, -2.7520, 5.8240

Trichromacy



Original Color

204.4900, 1.3760, -2.9120

Protanomaly

204.9850, 4.3560, -1.8520

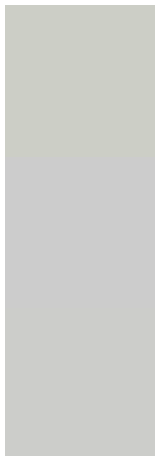
Deuteranomaly

206.1540, 11.3700, 3.1940

Tritanomaly

205.3960, -1.0550, 2.6010

Monochromacy



Original Color

204.4900, 1.3760, -2.9120

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.3590, 0.3670, -1.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.4900, 1.3760, -2.9120 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(204, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(204, 206, 198)  
}
```

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(204, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 206, 198) }
```

Border

The CSS property to change the border of an element to YIQ 204.4900, 1.3760, -2.9120 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(204, 206, 198) }
```


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

```
.border{ border-color:rgb(204, 206, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 206, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 206, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 206, 198);  
box-shadow:4px 4px 4px 4px rgb(204, 206,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 204.4900, 1.3760, -2.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 206, 198) }
```

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

```
.background{ background-color: rgb(204,  
206, 198) }
```

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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