

Converting Colors

YIQ(204.5140, 0.8280, -15.0120)

Have a look what the booklet for
YIQ(204.5140, 0.8280, -15.0120)
contains.

YIQ(204.5140, 0.8280, -15.0120)	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(204.5140, 0.8280,
-15.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D6B2
RGB	196, 214, 178
RGB Percent	77%, 84%, 70%
CMY	0.2314, 0.1607, 0.3019
CMYK	0.08, 0.00, 0.17, 0.16
HSL	90°, 31%, 77%
HSV	90°, 17%, 84%
XYZ	54.8458, 63.0451, 51.4019
YIQ	204.5140, 0.8280, -15.0120

Conversions

Conversions Part 2

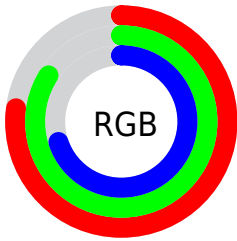
Format	Color
R_{YB}	178, 214, 196
Decimal	12900018
CIE _{Lab}	83.47, -12.47, 15.76
CIE _{LCh}	83, 20.098, 128.338
Yxy	63.0451, 0.3240, 0.3724
Android (android.graphics.Color)	4291090098 (0xFFC4D6B2)
YUV	204.5140, -13.0714, -7.4668
Hunter-Lab	79.4010, -15.6538, 17.1980

Details

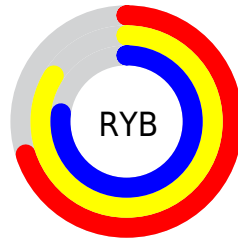
The YIQ color $204.5140, 0.8280, -15.0120$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $187.4860, -0.8280, 15.0120$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0080, 5.5490, -6.9550$, and $150.0410, 0.7820, -14.1780$ is the 20% darker color. If you saturate the color by 10%, you get $198.8310, 1.0130, -23.8750$, and if you desaturate by 10%, it is $210.1970, 0.6430, -6.1490$.

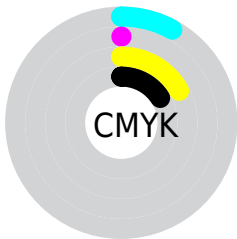
Distribution



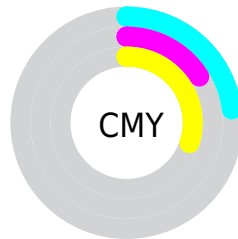
- Red (77%)
- Green (84%)
- Blue (70%)



- Red (70%)
- Yellow (84%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)





- Cyan (23%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.5140, 0.8280, -15.0120 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 204.5140, 0.8280, -15.0120 by changing the saturation by 10% instead.


 204.5140, 0.8280,
-15.0120


 204.5140, 0.8280,
-15.0120

255.0000, -0.0000,
-0.0000

 176.9270, 1.1030,
-14.4890


 252.0080, 5.5490,
-6.9550

 150.0410, 0.7820,
-14.1780

 124.1550, 0.4610,
-13.8670

 99.5680, 0.7360,
-13.3440

 75.6820, 0.4150,
-13.0330

 52.3230, 0.0480,
-11.8880

 31.0950, 0.6900,

-12.5100

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 204.5140, 0.8280,
-15.0120

■ 204.5140, 0.8280,
-15.0120

■ 198.8310, 1.0130,
-23.8750

■ 210.1970, 0.6430,
-6.1490

■ 193.3330, 2.1150,
-32.8370

■ 215.6950, -0.4590,
2.8130

■ 187.6500, 2.3000,
-41.7000

■ 221.3780, -0.6440,
11.6760

■ 181.8530, 2.8060,
-50.8740

■ 226.1490, 1.7390,
18.0510

■ 176.1700, 2.9910,
-59.7370

■ 229.4380, 8.2950,
20.3830

■ 170.7860, 3.7720,
-68.3880

■ 230.9330, 11.2750,
21.4430

■ 164.9890, 4.2780,
-77.5620

■ 159.3060, 4.4630,
-86.4250

■ 157.6110, 4.9220,
-89.2380

Harmonies

Analogous

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



206.4730, 17.2410, -9.5990



204.5140, 0.8280, -15.0120



202.2930, -17.6030, -16.8910

Triad

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



204.5140, 0.8280, -15.0120



204.4490, -34.9370, -0.0970



211.4600, 28.4240, 13.5120

Complementary

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



204.5140, 0.8280, -15.0120



187.4860, -0.8280, 15.0120

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.



211.2230, 16.0900, 16.7780



204.5140, 0.8280, -15.0120



208.0320, -20.2210, 8.5390

Square

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



204.5140, 0.8280, -15.0120



201.5420, -39.9330, -8.6770



210.3010, -1.7450, 15.1110



210.2830, 33.0560, 6.6560

Rectangle

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



204.5140, 0.8280, -15.0120



201.0730, -28.6070, -15.7030



210.3010, -1.7450, 15.1110



211.6600, 24.9850, 15.2650

Sweetspot

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



204.5140, 0.8280, -15.0120



251.7240, 0.5970, -5.3150



199.3300, 16.5060, -1.7820



125.8920, 0.1840, -3.3360



0.0000, 0.0000, 0.0000



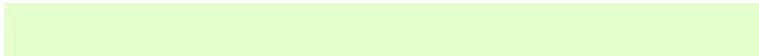
128.0000, -0.0000, -0.0000

Same Dimension

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



204.5140, 0.8280, -15.0120



241.4120, 0.8750, -21.3730



199.1320, -9.9000, -18.8280



104.2510, 0.5510, -4.4810



125.7920, 3.6350, -71.4130



31.8190, 1.2870, -17.8250

Inverse Universe

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



187.4860, -0.8280, 15.0120



217.5880, -0.8750, 21.3730



192.8680, 9.9000, 18.8280



99.0480, 0.0450, 4.6930



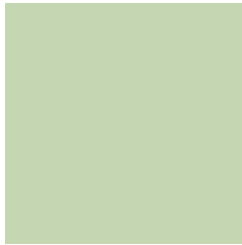
45.2080, -3.6350, 71.4130



11.4800, -0.6910, 18.0370

Previews

White Background



This preview shows how the YIQ color 204.5140, 0.8280, -15.0120 looks on a white background.

Color Contrast Check

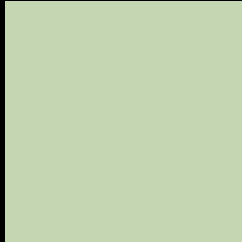
Large Text (above 18pt) WCAG AA × Fail

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 204.5140, 0.8280, -15.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

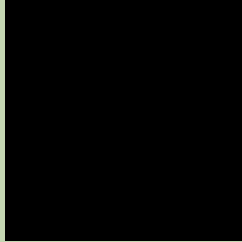
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

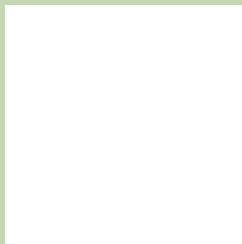
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.5140, 0.8280, -15.0120

Background



This preview shows how black text looks on a background with the YIQ color 204.5140, 0.8280, -15.0120.



This preview shows how white text looks on a background with the YIQ color 204.5140, 0.8280,

-15.0120.

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

204.5140, 0.8280, -15.0120

Protanopia

206.9400, 17.4240, -7.4080

Deuteranopia

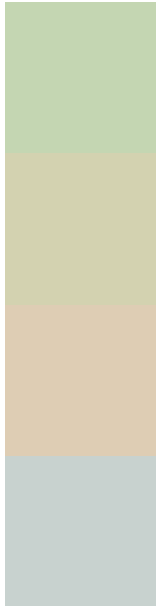
208.8970, 28.1510, 1.9350



Tritanopia

208.3290, -8.1160, 3.9160

Trichromacy



Original Color

204.5140, 0.8280, -15.0120

Protanomaly

206.4230, 11.5100, -10.3620

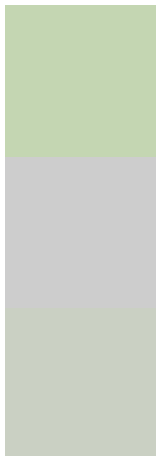
Deuteranomaly

207.2330, 18.1570, -4.1710

Tritanomaly

206.6680, -4.9970, -3.0530

Monochromacy



Original Color

204.5140, 0.8280, -15.0120

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.7240, 0.5970, -5.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.5140, 0.8280, -15.0120 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(196, 214, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 214, 178)  
}
```

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(196, 214, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 214, 178) }
```

Border

The CSS property to change the border of an element to YIQ 204.5140, 0.8280, -15.0120 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(196, 214, 178) }
```


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

```
.border{ border-color:rgb(196, 214, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 214, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 214, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 214, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 214,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 204.5140, 0.8280, -15.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 214, 178) }
```

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

```
.background{ background-color: rgb(196,  
214, 178) }
```

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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