

Converting Colors

YIQ(212.0210, 3.5340, -20.0020)

Have a look what the booklet for
YIQ(212.0210, 3.5340, -20.0020)
contains.

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Color

**YIQ(212.0210, 3.5340,
-20.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE0AE
RGB	203, 224, 174
RGB Percent	80%, 88%, 68%
CMY	0.2040, 0.1215, 0.3176
CMYK	0.09, 0.00, 0.22, 0.12
HSL	85°, 45%, 78%
HSV	85°, 22%, 88%
XYZ	58.9223, 69.0661, 50.2768
YIQ	212.0210, 3.5340, -20.0020

Conversions

Conversions Part 2

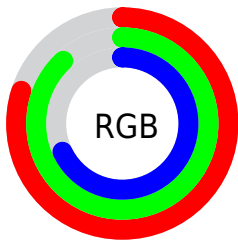
Format	Color
RYB	174, 224, 195
Decimal	13361326
CIELab	86.54, -15.63, 22.20
CIELCh	87, 27.155, 125.152
Yxy	69.0661, 0.3305, 0.3874
Android (android.graphics.Color)	4291551406 (0xFFCBE0AE)
YUV	212.0210, -18.7444, -7.9114
Hunter-Lab	83.1060, -18.8789, 22.3054

Details

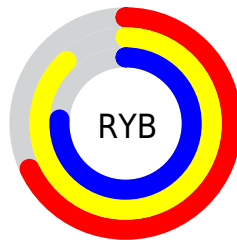
The YIQ color $212.0210, 3.5340, -20.0020$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $185.9790, -3.5340, 20.0020$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.1500, 8.0250, -7.7750$, and $157.5480, 3.4880, -19.1680$ is the 20% darker color. If you saturate the color by 10%, you get $206.8220, 5.2320, -28.7520$, and if you desaturate by 10%, it is $217.2200, 1.8360, -11.2520$.

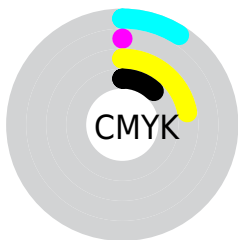
Distribution



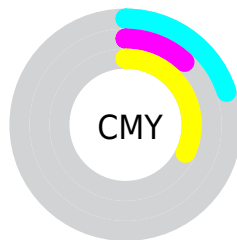
- Red (80%)
- Green (88%)
- Blue (68%)



- Red (68%)
- Yellow (88%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.0210, 3.5340, -20.0020 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 212.0210, 3.5340, -20.0020 by changing the saturation by 10% instead.

■ 212.0210, 3.5340,
-20.0020

■ 212.0210, 3.5340,
-20.0020

255.0000, -0.0000,
-0.0000

■ 184.1350, 3.2130,
-19.6910

■ 252.1500, 8.0250,
-7.7750

■ 157.2490, 2.8920,
-19.3800

■ 130.7760, 2.8460,
-18.5460

■ 105.8900, 2.5250,
-18.2350

■ 81.4170, 2.4790,
-17.4010

■ 57.9440, 2.4330,
-16.5670

■ 35.7160, 3.0750,

-17.1890

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 212.0210, 3.5340,
-20.0020

■ 212.0210, 3.5340,
-20.0020

■ 206.8220, 5.2320,
-28.7520

■ 217.2200, 1.8360,
-11.2520

■ 201.2100, 6.6550,
-38.0250

■ 222.8320, 0.4130,
-1.9790

■ 196.0110, 8.3530,
-46.7750

■ 228.0310, -1.2850,
6.7710

■ 190.3990, 9.7760,
-56.0480

■ 232.6170, 0.1810,
13.2450

■ 185.2000, 11.4740,
-64.7980

■ 235.3080, 5.5450,
15.1530

■ 179.7020, 12.5760,
-73.7600

■ 236.8030, 8.5250,
16.2130

■ 174.3890, 14.5950,
-82.8210

■ 170.3580, 15.8800,
-89.5920

Harmonies

Analogous

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



214.6710, 25.3110, -12.6810



212.0210, 3.5340, -20.0020



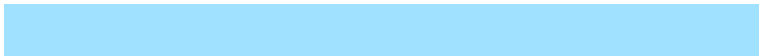
208.5650, -21.5450, -22.5450

Triad

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



212.0210, 3.5340, -20.0020



208.9850, -48.3700, -4.4500



216.7530, 29.1570, 16.7490

Complementary

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



212.0210, 3.5340, -20.0020



185.9790, -3.5340, 20.0020

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.



221.1790, 19.3900, 23.0540



212.0210, 3.5340, -20.0020



213.8570, -27.0980, 6.5180

Square

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



212.0210, 3.5340, -20.0020



205.9960, -56.0710, -13.5670



219.0390, -3.7630, 18.6450



215.6640, 36.3570, 7.4050

Rectangle

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



212.0210, 3.5340, -20.0020



206.5940, -37.6840, -21.9080



219.0390, -3.7630, 18.6450



217.7790, 26.2680, 19.5480

Sweetspot

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



212.0210, 3.5340, -20.0020



250.5560, 1.0100, -7.2940



201.2770, 24.0250, -0.3830



125.2510, 0.5510, -4.4810



0.0000, 0.0000, 0.0000



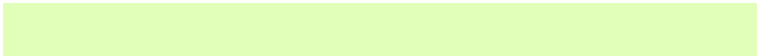
128.0000, -0.0000, -0.0000

Same Dimension

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



212.0210, 3.5340, -20.0020



238.4630, 4.8650, -27.6070



204.5460, -11.3660, -25.3020



109.2510, 0.5510, -4.4810



133.8100, 12.3920, -70.4240



36.5480, 3.4880, -19.1680

Inverse Universe

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



185.9790, -3.5340, 20.0020



202.5370, -4.8650, 27.6070



193.4540, 11.3660, 25.3020



103.7490, -0.5510, 4.4810



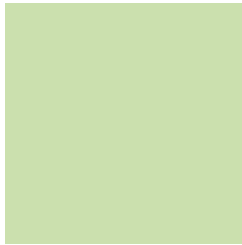
42.1900, -12.3920, 70.4240



11.4520, -3.4880, 19.1680

Previews

White Background



This preview shows how the YIQ color 212.0210, 3.5340, -20.0020 looks on a white background.

Color Contrast Check

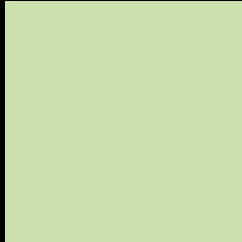
Large Text (above 18pt) WCAG AA × Fail

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 212.0210, 3.5340, -20.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

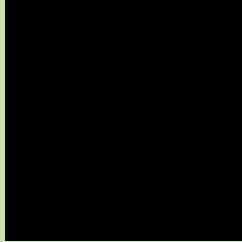
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.0210, 3.5340, -20.0020

Background



This preview shows how black text looks on a background with the YIQ color 212.0210, 3.5340, -20.0020.



This preview shows how white text looks on a background with the YIQ color 212.0210, 3.5340,

-20.0020.

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

212.0210, 3.5340, -20.0020

Protanopia

214.9420, 23.1100, -11.3380

Deuteranopia

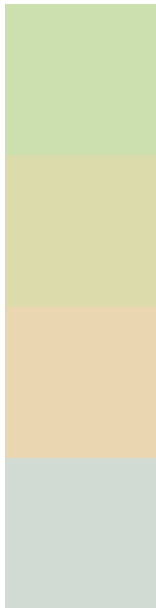
217.3230, 35.5790, -0.5250



Tritanopia

216.7420, -7.8410, 4.4390

Trichromacy



Original Color

212.0210, 3.5340, -20.0020

Protanomaly

213.8270, 16.0040, -14.7160

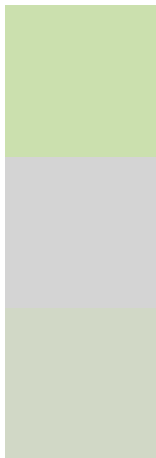
Deuteranomaly

215.6480, 24.1180, -7.5780

Tritanomaly

215.2120, -3.7130, -4.2970

Monochromacy



Original Color

212.0210, 3.5340, -20.0020

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.8550, 1.6060, -7.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.0210, 3.5340, -20.0020 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(203, 224, 174)` looks like.

```
.text, #text, p{  
    color:rgb(203, 224, 174)  
}
```

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(203, 224, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 224, 174) }
```

Border

The CSS property to change the border of an element to YIQ 212.0210, 3.5340, -20.0020 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(203, 224, 174) }
```


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

```
.border{ border-color:rgb(203, 224, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 224, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 224, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 224, 174);  
box-shadow:4px 4px 4px 4px rgb(203, 224,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 212.0210, 3.5340, -20.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 224, 174) }
```

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

```
.background{ background-color: rgb(203,  
224, 174) }
```

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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