

Converting Colors

YIQ(212.3740, 4.0380, -18.1220)

Have a look what the booklet for
YIQ(212.3740, 4.0380, -18.1220)
contains.

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Color

**YIQ(212.3740, 4.0380,
-18.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDFB1
RGB	205, 223, 177
RGB Percent	80%, 87%, 69%
CMY	0.1961, 0.1254, 0.3058
CMYK	0.08, 0.00, 0.21, 0.13
HSL	84°, 42%, 78%
HSV	84°, 21%, 87%
XYZ	59.4986, 68.9307, 51.7709
YIQ	212.3740, 4.0380, -18.1220

Conversions

Conversions Part 2

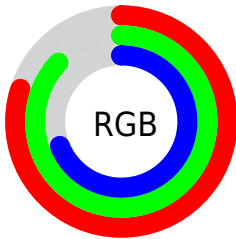
Format	Color
RYB	177, 223, 195
Decimal	13492145
CIELab	86.47, -13.96, 20.57
CIELCh	86, 24.861, 124.162
Yxy	68.9307, 0.3302, 0.3825
Android (android.graphics.Color)	4291682225 (0xFFCDDFB1)
YUV	212.3740, -17.4394, -6.4670
Hunter-Lab	83.0245, -17.3729, 21.1462

Details

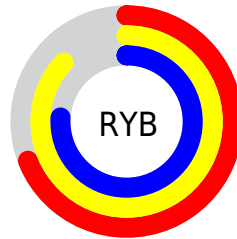
The YIQ color $212.3740, 4.0380, -18.1220$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $187.6260, -4.0380, 18.1220$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, 7.0620, -6.8420$, and $157.6020, 3.3960, -17.5000$ is the 20% darker color. If you saturate the color by 10%, you get $207.1750, 5.7360, -26.8720$, and if you desaturate by 10%, it is $217.5730, 2.3400, -9.3720$.

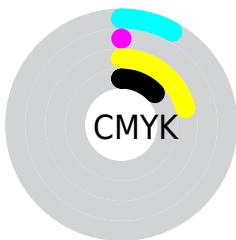
Distribution



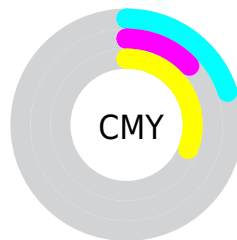
- Red (80%)
- Green (87%)
- Blue (69%)



- Red (69%)
- Yellow (87%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.3740, 4.0380, -18.1220 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 212.3740, 4.0380, -18.1220 by changing the saturation by 10% instead.

■ 212.3740, 4.0380,
-18.1220

■ 212.3740, 4.0380,
-18.1220

255.0000, -0.0000,
-0.0000

■ 184.4880, 3.7170,
-17.8110

■ 252.4920, 7.0620,
-6.8420

■ 157.6020, 3.3960,
-17.5000

■ 131.1290, 3.3500,
-16.6660

■ 106.2430, 3.0290,
-16.3550

■ 81.7700, 2.9830,
-15.5210

■ 58.8840, 2.6620,
-15.2100

■ 36.1830, 3.2580,

-14.9980

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 212.3740, 4.0380,
-18.1220

■ 212.3740, 4.0380,
-18.1220

■ 207.1750, 5.7360,
-26.8720

■ 217.5730, 2.3400,
-9.3720

■ 201.8620, 7.7550,
-35.9330

■ 222.5870, -0.2750,
-0.5230

■ 196.9620, 10.0490,
-44.4710

■ 227.7860, -1.9730,
8.2270

■ 191.7630, 11.7470,
-53.2210

■ 231.7310, -0.1400,
13.5560

■ 186.5640, 13.4450,
-61.9710

■ 234.4220, 5.2240,
15.4640

■ 181.5500, 16.0600,
-70.8200

■ 236.2160, 8.8000,
16.7360

■ 176.3510, 17.7580,
-79.5700

■ 171.5650, 19.7310,
-87.7970

Harmonies

Analogous

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



215.2410, 23.7060, -11.1260



212.3740, 4.0380, -18.1220



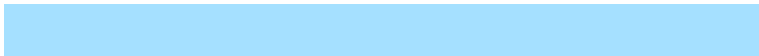
209.2880, -19.2070, -20.8630

Triad

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



212.3740, 4.0380, -18.1220



209.8930, -45.1150, -2.8670



218.0410, 28.2860, 16.0140

Complementary

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



212.3740, 4.0380, -18.1220



187.6260, -4.0380, 18.1220

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.



220.9290, 17.0980, 20.5380



212.3740, 4.0380, -18.1220



214.1560, -26.5020, 6.7300

Square

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



212.3740, 4.0380, -18.1220



207.1600, -50.6610, -12.4930



219.0280, -5.2300, 17.6980



216.5930, 35.1190, 7.8150

Rectangle

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



212.3740, 4.0380, -18.1220



207.8010, -33.8330, -20.1130



219.0280, -5.2300, 17.6980



218.9530, 25.7180, 18.5020

Sweetspot

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



212.3740, 4.0380, -18.1220



251.4960, 1.2390, -5.9370



201.3200, 22.4660, 0.3380



125.7780, 0.5050, -3.6470



0.0000, 0.0000, 0.0000



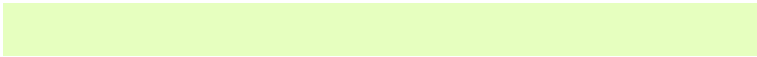
128.0000, -0.0000, -0.0000

Same Dimension

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



212.3740, 4.0380, -18.1220



240.2290, 5.6440, -25.2040



205.4970, -9.6700, -22.9980



109.5500, 1.1470, -4.2690



135.3050, 15.3720, -69.3640



36.8470, 4.0840, -18.9560

Inverse Universe

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



187.6260, -4.0380, 18.1220



205.7710, -5.6440, 25.2040



194.5030, 9.6700, 22.9980



103.4500, -1.1470, 4.2690



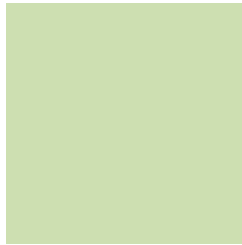
40.6950, -15.3720, 69.3640



11.1530, -4.0840, 18.9560

Previews

White Background



This preview shows how the YIQ color 212.3740, 4.0380, -18.1220 looks on a white background.

Color Contrast Check

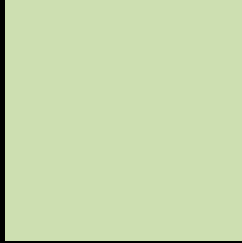
Large Text (above 18pt) WCAG AA × Fail

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 212.3740, 4.0380, -18.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

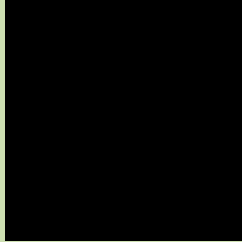
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.3740, 4.0380, -18.1220

Background



This preview shows how black text looks on a background with the YIQ color 212.3740, 4.0380, -18.1220.



This preview shows how white text looks on a background with the YIQ color 212.3740, 4.0380,

-18.1220.

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**

212.3740, 4.0380, -18.1220

Protanopia

215.0990, 21.2300, -10.3060

Deuteranopia

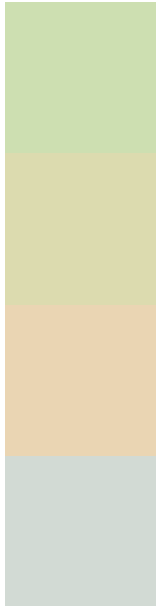
217.3660, 34.0200, 0.1960



Tritanopia

216.3400, -6.6490, 4.8630

Trichromacy



Original Color

212.3740, 4.0380, -18.1220

Protanomaly

214.2830, 14.7200, -13.4720

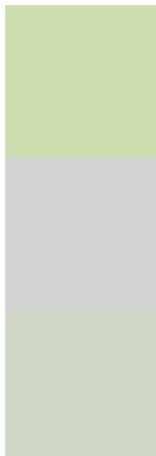
Deuteranomaly

215.4030, 23.4300, -6.1220

Tritanomaly

214.9240, -2.8420, -3.5620

Monochromacy



Original Color

212.3740, 4.0380, -18.1220

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.9690, 1.2850, -6.7710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.3740, 4.0380, -18.1220 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(205, 223, 177)` looks like.

```
.text, #text, p{  
    color:rgb(205, 223, 177)  
}
```

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(205, 223, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 223, 177) }
```

Border

The CSS property to change the border of an element to YIQ 212.3740, 4.0380, -18.1220 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(205, 223, 177) }
```


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

```
.border{ border-color:rgb(205, 223, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 223, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 223, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 223, 177);  
box-shadow:4px 4px 4px 4px rgb(205, 223,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 212.3740, 4.0380, -18.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 223, 177) }
```

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

```
.background{ background-color: rgb(205,  
223, 177) }
```

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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