

Converting Colors

YIQ(232.5660, 12.2450,
-18.1790)

Have a look what the booklet for
YIQ(232.5660, 12.2450, -18.1790)
contains.

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Color

**YIQ(232.5660, 12.2450,
-18.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F1BC
RGB	233, 241, 188
RGB Percent	91%, 95%, 74%
CMY	0.0863, 0.0549, 0.2626
CMYK	0.03, 0.00, 0.22, 0.05
HSL	69°, 65%, 84%
HSV	69°, 22%, 95%
XYZ	74.1358, 83.8657, 59.8702
YIQ	232.5660, 12.2450, -18.1790

Conversions

Conversions Part 2

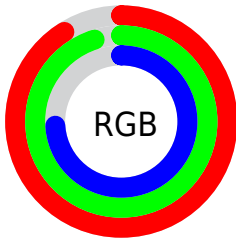
Format	Color
RYB	188, 241, 196
Decimal	15331772
CIELab	93.39, -11.26, 24.76
CIELCh	93, 27.198, 114.460
Yxy	83.8657, 0.3403, 0.3849
Android (android.graphics.Color)	4293521852 (0xFFE9F1BC)
YUV	232.5660, -21.9710, 0.3806
Hunter-Lab	91.5782, -15.7600, 25.3433

Details

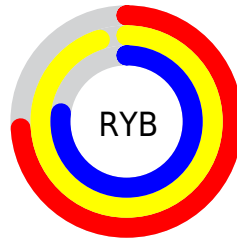
The YIQ color $232.5660, 12.2450, -18.1790$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $196.4340, -12.2450, 18.1790$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.7460, 3.5310, -3.4210$, and $176.7940, 11.6030, -17.5570$ is the 20% darker color. If you saturate the color by 10%, you get $228.6340, 17.5650, -26.4910$, and if you desaturate by 10%, it is $236.4980, 6.9250, -9.8670$.

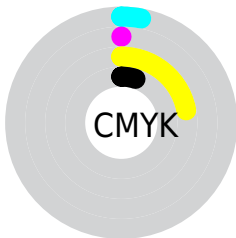
Distribution



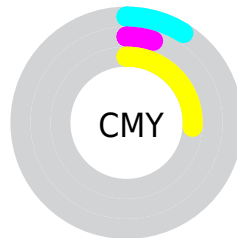
- Red (91%)
- Green (95%)
- Blue (74%)



- Red (74%)
- Yellow (95%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)





- Cyan (9%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 232.5660, 12.2450, -18.1790 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 232.5660, 12.2450, -18.1790 by changing the saturation by 10% instead.

 232.5660, 12.2450,
-18.1790


 232.5660, 12.2450,
-18.1790


255.0000, -0.0000,
-0.0000


 204.6800, 11.9240,
-17.8680


 253.7460, 3.5310,
-3.4210

 176.7940, 11.6030,
-17.5570

 150.0220, 10.9610,
-16.9350

 124.1360, 10.6400,
-16.6240

 99.0650, 9.4020,
-16.2140

 75.1790, 9.0810,
-15.9030

 52.2930, 8.7600,

-15.5920

■ 31.2760, 7.4300,
-13.5140

■ 10.5660, -4.9500,
-9.4140

■ 232.5660, 12.2450,
-18.1790

■ 232.5660, 12.2450,
-18.1790

■ 228.6340, 17.5650,
-26.4910

■ 236.4980, 6.9250,
-9.8670

■ 225.0010, 23.4810,
-34.5910

■ 240.1310, 1.0090,
-1.7670

■ 221.0690, 28.8010,
-42.9030

■ 243.4930, -2.7060,
4.9900

■ 217.1370, 34.1210,
-51.2150

■ 244.6890, -0.3220,
5.8380

■ 213.5040, 40.0370,
-59.3150

■ 245.5860, 1.4660,
6.4740

■ 209.4580, 45.6780,
-67.9380

■ 246.7820, 3.8500,
7.3220

■ 205.5260, 50.9980,
-76.2500

■ 202.7620, 55.9050,
-82.5830

Harmonies

Analogous

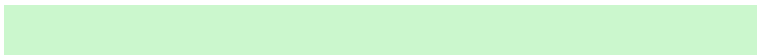
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.9920, 28.8410, -10.5750



232.5660, 12.2450, -18.1790



229.0560, -12.7420, -22.3900

Triad

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



232.5660, 12.2450, -18.1790



225.1880, -47.8640, -13.6240



231.7990, 14.3480, 15.3080

Complementary

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



232.5660, 12.2450, -18.1790



196.4340, -12.2450, 18.1790

Split Complementary

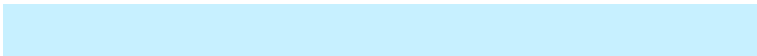
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.2160, 8.8000, 16.7360



232.5660, 12.2450, -18.1790



229.4510, -29.2510, -4.0270

Square

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



232.5660, 12.2450, -18.1790



225.1440, -53.7320, -17.4120



234.6330, -5.9160, 8.1000



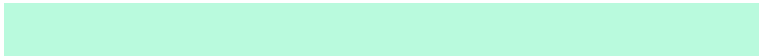
228.8350, 22.6940, 7.2220

Rectangle

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



232.5660, 12.2450, -18.1790



227.2590, -29.4310, -22.7990



234.6330, -5.9160, 8.1000



233.4120, 11.1840, 17.5840

Sweetspot

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



232.5660, 12.2450, -18.1790



252.0510, 3.9900, -6.2340



208.5430, 29.3880, 7.0520



126.1480, 2.3390, -3.8450



0.0000, 0.0000, 0.0000



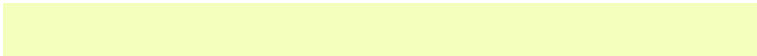
128.0000, -0.0000, -0.0000

Same Dimension

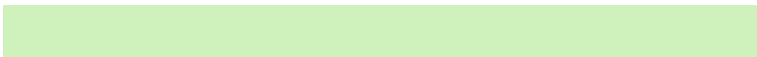
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.5660, 12.2450, -18.1790



244.4860, 15.2260, -22.6460



224.7920, -3.2510, -23.6910



118.0340, 2.6600, -4.1560



154.6520, 42.3760, -63.1600



47.2240, 13.2080, -19.1120

Inverse Universe

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



196.4340, -12.2450, 18.1790



199.5140, -15.2260, 22.6460



204.2080, 3.2510, 23.6910



109.9660, -2.6600, 4.1560



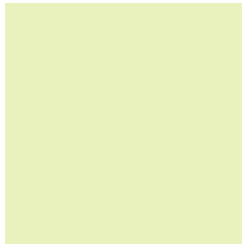
29.3480, -42.3760, 63.1600



8.7760, -13.2080, 19.1120

Previews

White Background



This preview shows how the YIQ color 232.5660, 12.2450, -18.1790 looks on a white background.

Color Contrast Check

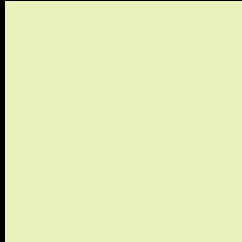
Large Text (above 18pt) WCAG AA × Fail

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 232.5660, 12.2450, -18.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

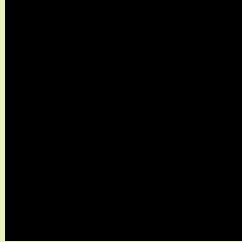
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

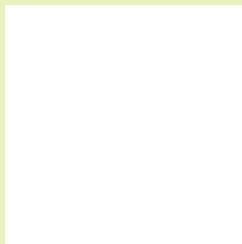
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.5660, 12.2450, -18.1790

Background



This preview shows how black text looks on a background with the YIQ color 232.5660, 12.2450, -18.1790.



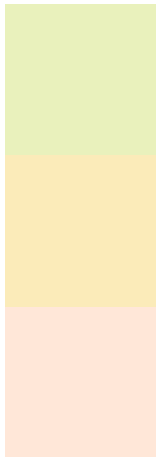
This preview shows how white text looks on a background with the YIQ color 232.5660, 12.2450, -18.1790.

-18.1790.

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

232.5660, 12.2450, -18.1790

Protanopia

234.0840, 25.5860, -12.1580

Deuteranopia

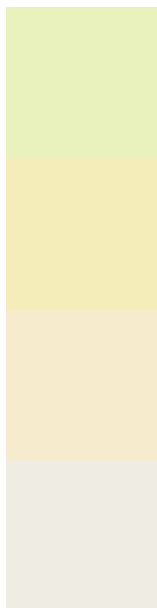
236.4660, 19.1190, 0.4230



Tritanopia

237.7430, -0.4140, 7.5060

Trichromacy



Original Color

232.5660, 12.2450, -18.1790

Protanomaly

233.2790, 20.5430, -14.3770

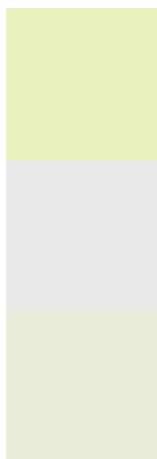
Deuteranomaly

235.2820, 16.4610, -6.4750

Tritanomaly

235.9850, 4.3560, -1.8520

Monochromacy



Original Color

232.5660, 12.2450, -18.1790

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.9370, 4.3110, -6.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.5660, 12.2450, -18.1790 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(233, 241, 188)` looks like.

```
.text, #text, p{  
    color:rgb(233, 241, 188)  
}
```

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(233, 241, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 241, 188) }
```

Border

The CSS property to change the border of an element to YIQ 232.5660, 12.2450, -18.1790 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(233, 241, 188) }
```


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

```
.border{ border-color:rgb(233, 241, 188) }
```

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

Here you see how a box with a 4 pixel rgb(233, 241, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 241, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 241, 188);  
box-shadow:4px 4px 4px 4px rgb(233, 241,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 232.5660, 12.2450, -18.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 241, 188) }
```

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

```
.background{ background-color: rgb(233,  
241, 188) }
```

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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