

Converting Colors

YIQ(212.2450, 35.0780,
-18.9860)

Have a look what the booklet for
YIQ(212.2450, 35.0780, -18.9860)
contains.

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Color

**YIQ(212.2450, 35.0780,
-18.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD78D
RGB	234, 215, 141
RGB Percent	92%, 84%, 55%
CMY	0.0824, 0.1569, 0.4469
CMYK	0.00, 0.08, 0.40, 0.08
HSL	48°, 69%, 74%
HSV	48°, 40%, 92%
XYZ	63.0414, 68.0137, 35.0242
YIQ	212.2450, 35.0780, -18.9860

Conversions

Conversions Part 2

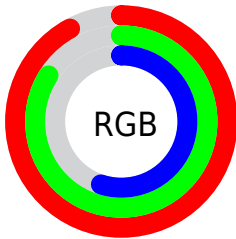
Format	Color
RYB	165, 234, 141
Decimal	15390605
CIELab	86.01, -3.67, 38.85
CIELCh	86, 39.022, 95.391
Yxy	68.0137, 0.3796, 0.4095
Android (android.graphics.Color)	4293580685 (0xFFEAD78D)
YUV	212.2450, -35.1238, 19.0791
Hunter-Lab	82.4704, -7.8756, 32.5495

Details

The YIQ color $212.2450, 35.0780, -18.9860$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $162.7550, -35.0780, 18.9860$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1600, 19.2600, -18.6600$, and $157.1030, 32.6020, -18.1660$ is the 20% darker color. If you saturate the color by 10%, you get $206.6880, 43.8360, -23.5240$, and if you desaturate by 10%, it is $217.8020, 26.3200, -14.4480$.

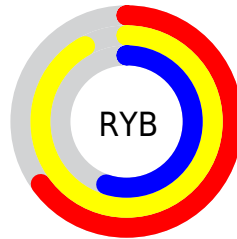
Distribution



Red (92%)

Green (84%)

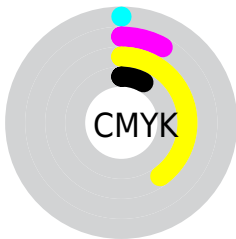
Blue (55%)



Red (65%)

Yellow (92%)

Blue (55%)

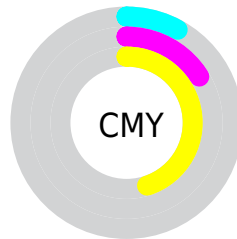


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.2450, 35.0780, -18.9860 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 212.2450, 35.0780, -18.9860 by changing the saturation by 10% instead.

■ 212.2450, 35.0780,
-18.9860

■ 212.2450, 35.0780,
-18.9860

255.0000, -0.0000,
-0.0000

■ 184.1740, 33.8400,
-18.5760

■ 248.1600, 19.2600,
-18.6600

■ 157.1030, 32.6020,
-18.1660

■ 251.4660, 9.9510,
-9.6410

■ 130.6190, 31.0890,
-18.2790

■ 254.7720, 0.6420,
-0.6220

■ 105.1350, 29.5760,
-18.3920

■ 80.4230, 28.7050,
-19.1270

■ 57.6230, 25.2660,
-17.3740

■ 37.2340, 16.4160,

-11.1680

■ 18.0190, 7.0160,
-6.0080

■ 0.0000, 0.0000,
0.0000

■ 212.2450, 35.0780,
-18.9860

■ 212.2450, 35.0780,
-18.9860

■ 206.6880, 43.8360,
-23.5240

■ 217.8020, 26.3200,
-14.4480

■ 201.0170, 52.9150,
-28.3730

■ 223.4730, 17.2410,
-9.5990

■ 196.0470, 61.3980,
-33.4340

■ 228.4430, 8.7580,
-4.5380

■ 190.3760, 70.4770,
-38.2830

■ 234.1140, -0.3210,
0.3110

■ 184.8190, 79.2350,
-42.8210

■ 239.3290, -8.1160,
3.9160

■ 179.2620, 87.9930,
-47.3590

■ 242.2640, -9.4910,
1.3010

■ 179.1480, 88.3140,
-47.6700

■ 244.6120,
-10.5910, -0.7910

■ 247.5470,
-11.9660, -3.4060

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



211.8050, 48.6010, -5.2470



212.2450, 35.0780, -18.9860



208.2240, 4.0400, -29.1760

Triad

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



212.2450, 35.0780, -18.9860



192.4410, -94.3530, -24.6330



217.1070, 19.8930, 30.4610

Complementary

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



212.2450, 35.0780, -18.9860



162.7550, -35.0780, 18.9860

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.



216.7020, -1.1960, 21.6840



212.2450, 35.0780, -18.9860



197.9000, -73.3560, -14.1880

Square

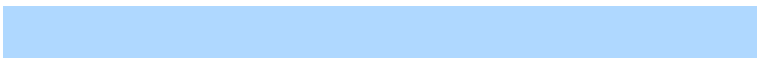
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.2450, 35.0780, -18.9860



195.4310, -71.1980, -31.2780



208.1870, -36.9550, 3.4370



209.9540, 33.1450, 21.5690

Rectangle

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



212.2450, 35.0780, -18.9860



204.5400, -20.3970, -32.3410



208.1870, -36.9550, 3.4370



219.7800, 16.5000, 31.3800

Sweetspot

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



212.2450, 35.0780, -18.9860



247.9440, 11.6010, -6.5030



171.0870, 49.0080, 25.9360



123.6000, 6.8780, -3.5060



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.



212.2450, 35.0780, -18.9860



226.4170, 46.0370, -24.8670



215.6240, 14.3570, -34.4350



114.5720, 4.0810, -2.3750



138.6470, 68.2760, -36.9400



41.3870, 20.3590, -11.0410

Inverse Universe

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



162.7550, -35.0780, 18.9860



161.5830, -46.0370, 24.8670



159.3760, -14.3570, 34.4350



108.4280, -4.0810, 2.3750



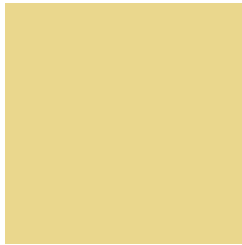
42.3530, -68.2760, 36.9400



12.6130, -20.3590, 11.0410

Previews

White Background



This preview shows how the YIQ color 212.2450, 35.0780, -18.9860 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 212.2450, 35.0780, -18.9860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

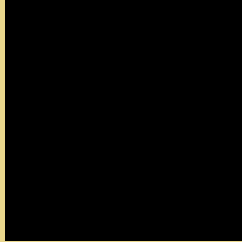
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.2450, 35.0780, -18.9860

Background



This preview shows how black text looks on a background with the YIQ color 212.2450, 35.0780, -18.9860.



This preview shows how white text looks on a background with the YIQ color 212.2450, 35.0780,

-18.9860.

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

212.2450, 35.0780, -18.9860

Protanopia

212.2450, 35.0780, -18.9860

Deuteranopia

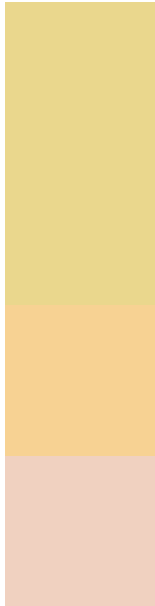
214.8540, 46.9050, -7.5510



Tritanopia

218.1860, 17.5120, 13.0320

Trichromacy



Original Color

212.2450, 35.0780, -18.9860

Protanomaly

212.2450, 35.0780, -18.9860

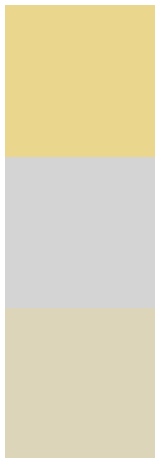
Deuteranomaly

213.8810, 42.2750, -11.7490

Tritanomaly

216.3310, 23.9330, 1.2850

Monochromacy



Original Color

212.2450, 35.0780, -18.9860

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0150, 12.8390, -6.9130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.2450, 35.0780, -18.9860 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(234, 215, 141)` looks like.

```
.text, #text, p{  
    color:rgb(234, 215, 141)  
}
```

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(234, 215, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 215, 141) }
```

Border

The CSS property to change the border of an element to YIQ 212.2450, 35.0780, -18.9860 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(234, 215, 141) }
```


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

```
.border{ border-color:rgb(234, 215, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 215, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 215, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 215, 141);  
box-shadow:4px 4px 4px 4px rgb(234, 215,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 212.2450, 35.0780, -18.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 215, 141) }
```

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

```
.background{ background-color: rgb(234,  
215, 141) }
```

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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