

Converting Colors

YIQ(224.7230, 36.7280,
-15.8480)

Have a look what the booklet for
YIQ(224.7230, 36.7280, -15.8480)
contains.

YIQ(224.7230, 36.7280, -15.8480) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**YIQ(224.7230, 36.7280,
-15.8480)**

Conversions

Conversions Part 1	
Format	Color
Hex	FAE19D
RGB	250, 225, 157
RGB Percent	98%, 88%, 62%
CMY	0.0196, 0.1177, 0.3841
CMYK	0.00, 0.10, 0.37, 0.02
HSL	44°, 90%, 80%
HSV	44°, 37%, 98%
XYZ	72.4384, 76.6055, 42.8894
YIQ	224.7230, 36.7280, -15.8480

Conversions

Conversions Part 2

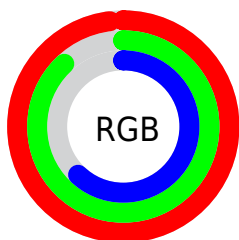
Format	Color
RYB	191, 250, 157
Decimal	16441757
CIELab	90.14, -0.78, 36.39
CIELCh	90, 36.399, 91.231
Yxy	76.6055, 0.3774, 0.3991
Android (android.graphics.Color)	4294631837 (0xFFFAE19D)
YUV	224.7230, -33.3874, 22.1679
Hunter-Lab	87.5246, -5.4352, 32.2135

Details

The YIQ color $224.7230, 36.7280, -15.8480$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $182.2770, -36.7280, 15.8480$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.0980, 13.8030, -13.3730$, and $169.1680, 33.9770, -15.5510$ is the 20% darker color. If you saturate the color by 10%, you get $217.7640, 46.6780, -19.9620$, and if you desaturate by 10%, it is $231.6820, 26.7780, -11.7340$.

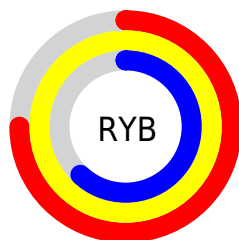
Distribution



Red (98%)

Green (88%)

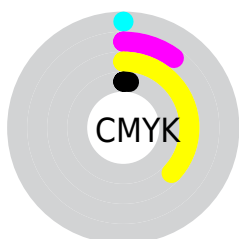
Blue (62%)



Red (75%)

Yellow (98%)

Blue (62%)

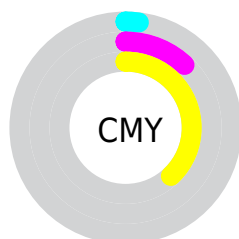


Cyan (0%)

Magenta (10%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 224.7230, 36.7280, -15.8480 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 224.7230, 36.7280, -15.8480 by changing the saturation by 10% instead.


 224.7230, 36.7280,
-15.8480


 224.7230, 36.7280,
-15.8480


255.0000, -0.0000,
-0.0000


 196.6520, 35.4900,
-15.4380


 250.0980, 13.8030,
-13.3730

 169.1680, 33.9770,
-15.5510

 253.4040, 4.4940,
-4.3540

 142.0970, 32.7390,
-15.1410

 116.6130, 31.2260,
-15.2540

 91.1290, 29.7130,
-15.3670

 67.0040, 28.5670,
-16.6250

 46.1160, 22.5600,

-12.3840

■ 26.3140, 13.4350,
-6.7010

■ 0.5870, -0.2750,
-0.5230

■ 224.7230, 36.7280,
-15.8480

■ 224.7230, 36.7280,
-15.8480

■ 217.7640, 46.6780,
-19.9620

■ 231.6820, 26.7780,
-11.7340

■ 211.3920, 56.3530,
-24.5990

■ 238.0540, 17.1030,
-7.0970

■ 204.4330, 66.3030,
-28.7130

■ 245.0130, 7.1530,
-2.9830

■ 197.4740, 76.2530,
-32.8270

■ 251.7440, -2.1550,
0.5090

190.5150, 86.2030, 253.5050, -2.9800,
-36.9410 -1.0600

184.1430, 95.8780,
-41.5780

182.1710, 98.6750,
-42.7090

Harmonies

Analogous

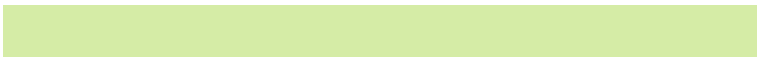
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.3140, 39.7980, -5.4020



224.7230, 36.7280, -15.8480



221.1430, 8.7620, -26.6460

Triad

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



224.7230, 36.7280, -15.8480



207.5690, -80.0940, -24.2380



226.2370, 13.4750, 25.6270

Complementary

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



224.7230, 36.7280, -15.8480



182.2770, -36.7280, 15.8480

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.



226.4150, -2.0660, 15.4220



224.7230, 36.7280, -15.8480



210.0270, -66.5240, -16.8600

Square

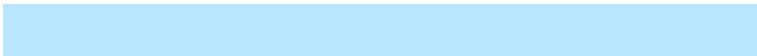
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.7230, 36.7280, -15.8480



210.6450, -60.0570, -29.4410



219.0960, -35.4410, -1.9770



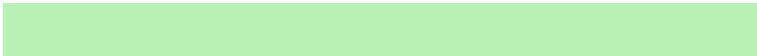
220.1100, 23.8380, 19.5340

Rectangle

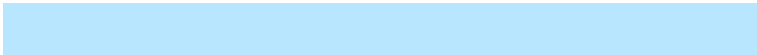
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.7230, 36.7280, -15.8480



217.8290, -13.8410, -30.0090



219.0960, -35.4410, -1.9770



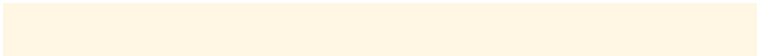
228.5850, 12.3750, 23.5350

Sweetspot

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



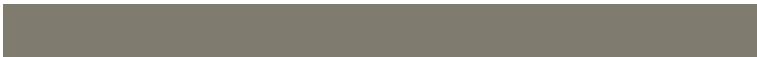
224.7230, 36.7280, -15.8480



247.1120, 11.1880, -4.5240



187.7710, 47.0820, 27.8020



123.1270, 6.8320, -2.6720



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.



224.7230, 36.7280, -15.8480



223.6930, 45.4400, -19.5520



233.4180, 17.9330, -33.1630



121.7570, 4.9980, -2.4740



137.5170, 74.6940, -32.1060



44.6540, 23.9810, -10.6030

Inverse Universe

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



182.2770, -36.7280, 15.8480



171.3070, -45.4400, 19.5520



173.5820, -17.9330, 33.1630



115.8300, -5.2730, 1.9510



51.4830, -74.6940, 32.1060



16.3460, -23.9810, 10.6030

Previews

White Background



This preview shows how the YIQ color 224.7230, 36.7280, -15.8480 looks on a white background.

Color Contrast Check

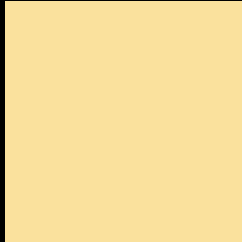
Large Text (above 18pt) WCAG AA × Fail

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 224.7230, 36.7280, -15.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

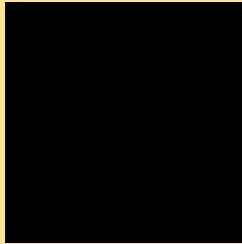
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.7230, 36.7280, -15.8480

Background



This preview shows how black text looks on a background with the YIQ color 224.7230, 36.7280, -15.8480.



This preview shows how white text looks on a background with the YIQ color 224.7230, 36.7280,

-15.8480.

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

224.7230, 36.7280, -15.8480

Protanopia

224.5160, 32.8770, -17.6430

Deuteranopia

227.4040, 30.8570, -3.0550




Tritanopia

230.0720, 17.8330, 12.7210

Trichromacy

	Original Color 224.7230, 36.7280, -15.8480
	Protanomaly 224.5270, 34.3440, -16.6960
	Deuteranomaly 226.1390, 32.9210, -7.4230
	Tritanomaly 228.1570, 24.4830, 2.3310

Monochromacy

	Original Color 224.7230, 36.7280, -15.8480
	Achromatopsia 225.0000, -0.0000, -0.0000
	Achromatomaly 224.8410, 13.3890, -5.8670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.7230, 36.7280, -15.8480 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(250, 225, 157)` looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 157)  
}
```

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(250, 225, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 157) }
```

Border

The CSS property to change the border of an element to YIQ 224.7230, 36.7280, -15.8480 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(250, 225, 157) }
```


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

```
.border{ border-color:rgb(250, 225, 157) }
```

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

Here you see how a box with a 4 pixel rgb(250, 225, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 157);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 224.7230, 36.7280, -15.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 157) }
```

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

```
.background{ background-color: rgb(250,  
225, 157) }
```

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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