

Converting Colors

YIQ(225.6630, 10.5940,
-15.7900)

Have a look what the booklet for
YIQ(225.6630, 10.5940, -15.7900)
contains.

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Color

**YIQ(225.6630, 10.5940,
-15.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E9BB
RGB	226, 233, 187
RGB Percent	89%, 91%, 73%
CMY	0.1138, 0.0862, 0.2666
CMYK	0.03, 0.00, 0.20, 0.09
HSL	69°, 51%, 82%
HSV	69°, 20%, 91%
XYZ	69.4719, 78.0350, 58.4255
YIQ	225.6630, 10.5940, -15.7900

Conversions

Conversions Part 2

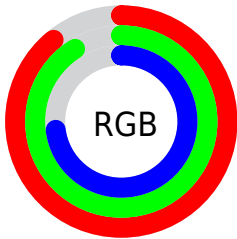
Format	Color
RYB	187, 233, 194
Decimal	14870971
CIELab	90.80, -9.93, 21.61
CIELCh	91, 23.783, 114.684
Yxy	78.0350, 0.3374, 0.3789
Android (android.graphics.Color)	4293061051 (0xFFE2E9BB)
YUV	225.6630, -19.0609, 0.2955
Hunter-Lab	88.3374, -14.2114, 22.6224

Details

The YIQ color $225.6630, 10.5940, -15.7900$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $194.3370, -10.5940, 15.7900$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, 3.8520, -3.7320$, and $170.0050, 9.6310, -14.8570$ is the 20% darker color. If you saturate the color by 10%, you get $221.8450, 15.5930, -23.7910$, and if you desaturate by 10%, it is $229.4810, 5.5950, -7.7890$.

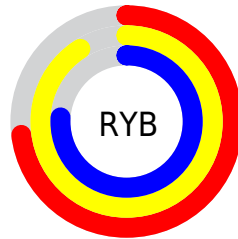
Distribution



Red (89%)

Green (91%)

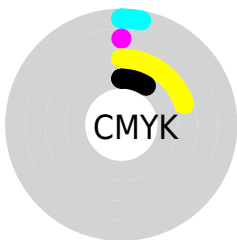
Blue (73%)



Red (73%)

Yellow (91%)

Blue (76%)

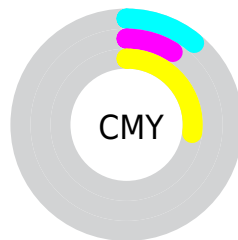


Cyan (3%)

Magenta (0%)

Yellow (20%)

Black (9%)



Cyan (11%)

Magenta (9%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.6630, 10.5940, -15.7900 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 225.6630, 10.5940, -15.7900 by changing the saturation by 10% instead.

■ 225.6630, 10.5940,
-15.7900

■ 225.6630, 10.5940,
-15.7900

255.0000, -0.0000,
-0.0000

■ 197.7770, 10.2730,
-15.4790

■ 253.6320, 3.8520,
-3.7320

■ 170.0050, 9.6310,
-14.8570

■ 144.0050, 9.6310,
-14.8570

■ 118.2330, 8.9890,
-14.2350

■ 93.3470, 8.6680,
-13.9240

■ 69.5750, 8.0260,
-13.3020

■ 46.8030, 7.3840,

-12.6800

■ 26.5580, 6.6960,
-11.2240

■ 2.9350, -1.3750,
-2.6150

■ 225.6630, 10.5940,
-15.7900

■ 225.6630, 10.5940,
-15.7900

■ 221.8450, 15.5930,
-23.7910

■ 229.4810, 5.5950,
-7.7890

■ 218.2120, 21.5090,
-31.8910

■ 233.1140, -0.3210,
0.3110

■ 214.3940, 26.5080,
-39.8920

■ 236.7040, -4.6780,
7.6900

■ 210.8750, 32.1030,
-47.6810

■ 237.6010, -2.8900,
8.3260

■ 207.0570, 37.1020,
-55.6820

■ 238.7970, -0.5060,
9.1740

■ 203.4240, 43.0180,
-63.7820

■ 239.6940, 1.2820,
9.8100

■ 199.6060, 48.0170,
-71.7830

■ 240.8900, 3.6660,
10.6580

■ 196.0870, 53.6120,
-79.5720

■ 241.7870, 5.4540,
11.2940

■ 195.6740, 53.3370,
-80.0950

■ 242.0860, 6.0500,
11.5060

Harmonies

Analogous

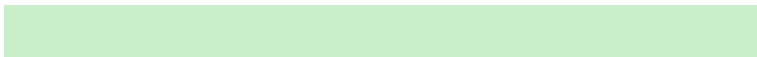
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.3880, 27.7860, -7.9740



225.6630, 10.5940, -15.7900



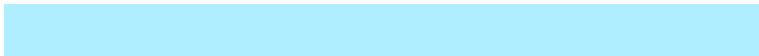
223.1210, -11.3670, -19.7750

Triad

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



225.6630, 10.5940, -15.7900



220.8020, -43.6010, -8.2810



227.9520, 18.2910, 15.4350

Complementary

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



225.6630, 10.5940, -15.7900



194.3370, -10.5940, 15.7900

Split Complementary

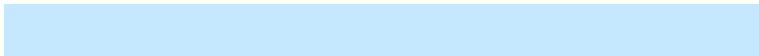
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.3950, 9.8540, 19.6620



225.6630, 10.5940, -15.7900



224.1570, -28.2430, -0.2670

Square

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



225.6630, 10.5940, -15.7900



219.5580, -46.0300, -13.8220



228.4310, -8.1630, 10.2770



225.9170, 25.3990, 7.7590

Rectangle

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



225.6630, 10.5940, -15.7900



221.1070, -25.9470, -19.8590



228.4310, -8.1630, 10.2770



229.3370, 15.7690, 17.0890

Sweetspot

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



225.6630, 10.5940, -15.7900



252.6920, 3.6230, -5.0890



204.8630, 25.4910, 6.0910



126.3760, 1.6970, -3.2230



0.0000, 0.0000, 0.0000



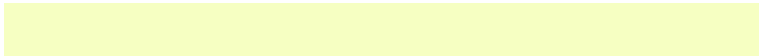
128.0000, -0.0000, -0.0000

Same Dimension

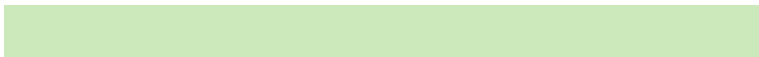
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.6630, 10.5940, -15.7900



245.3550, 14.2170, -20.8790



218.7860, -3.1140, -20.6660



115.4470, 2.9350, -3.6330



151.9940, 41.4130, -62.2270



45.1530, 11.9700, -18.7020

Inverse Universe

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



194.3370, -10.5940, 15.7900



203.6450, -14.2170, 20.8790



201.2140, 3.1140, 20.6660



107.5530, -2.9350, 3.6330



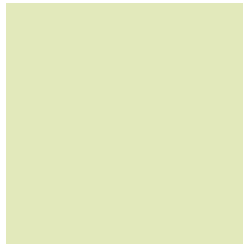
29.0060, -41.4130, 62.2270



8.5480, -12.5660, 18.4900

Previews

White Background



This preview shows how the YIQ color 225.6630, 10.5940, -15.7900 looks on a white background.

Color Contrast Check

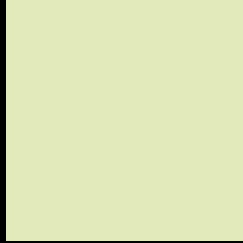
Large Text (above 18pt) WCAG AA × Fail

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 225.6630, 10.5940, -15.7900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

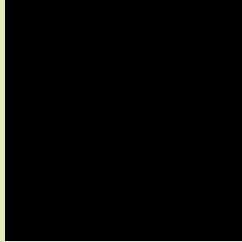
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

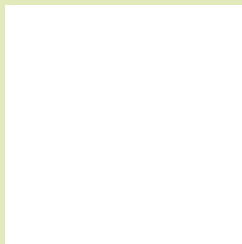
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.6630, 10.5940, -15.7900

Background



This preview shows how black text looks on a background with the YIQ color 225.6630, 10.5940, -15.7900.



This preview shows how white text looks on a background with the YIQ color 225.6630, 10.5940, -15.7900.

-15.7900.

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

225.6630, 10.5940, -15.7900

Protanopia

227.2840, 22.1470, -10.4050

Deuteranopia

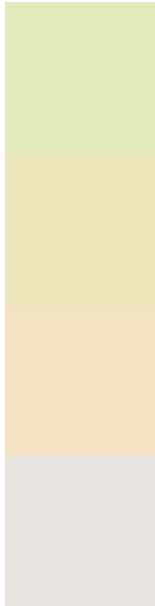
229.4730, 26.4090, 0.4650



Tritanopia

229.7430, -0.4140, 7.5060

Trichromacy



Original Color

225.6630, 10.5940, -15.7900

Protanomaly

226.7780, 17.7000, -12.4120

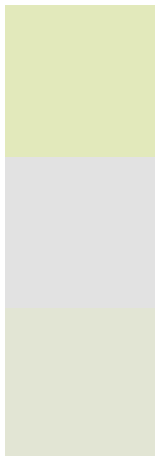
Deuteranomaly

227.9620, 20.3580, -5.5140

Tritanomaly

228.3270, 3.3930, -0.9190

Monochromacy



Original Color

225.6630, 10.5940, -15.7900

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.1650, 3.6690, -5.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.6630, 10.5940, -15.7900 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(226, 233, 187)` looks like.

```
.text, #text, p{  
    color:rgb(226, 233, 187)  
}
```

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(226, 233, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 233, 187) }
```

Border

The CSS property to change the border of an element to YIQ 225.6630, 10.5940, -15.7900 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(226, 233, 187) }
```


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

```
.border{ border-color:rgb(226, 233, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 233, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 233, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 233, 187); box-shadow:4px 4px 4px 4px rgb(226, 233, 187) }
```

Background

The CSS property to change the background color of an element to YIQ 225.6630, 10.5940, -15.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 233, 187) }
```

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

```
.background{ background-color: rgb(226,  
233, 187) }
```

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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