

Converting Colors

YIQ(221.5430, 11.0520,
-13.0760)

Have a look what the booklet for
YIQ(221.5430, 11.0520, -13.0760)
contains.

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Color

**YIQ(221.5430, 11.0520,
-13.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E3BB
RGB	224, 227, 187
RGB Percent	88%, 89%, 73%
CMY	0.1216, 0.1098, 0.2666
CMYK	0.01, 0.00, 0.18, 0.11
HSL	65°, 42%, 81%
HSV	65°, 18%, 89%
XYZ	67.1790, 74.3735, 57.8392
YIQ	221.5430, 11.0520, -13.0760

Conversions

Conversions Part 2

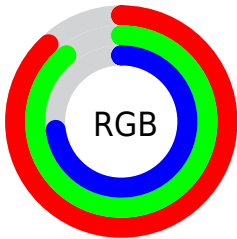
Format	Color
RYB	187, 227, 190
Decimal	14738363
CIELab	89.10, -7.63, 19.23
CIELCh	89, 20.686, 111.636
Yxy	74.3735, 0.3369, 0.3730
Android (android.graphics.Color)	4292928443 (0xFFE0E3BB)
YUV	221.5430, -17.0297, 2.1548
Hunter-Lab	86.2401, -11.8727, 20.6036

Details

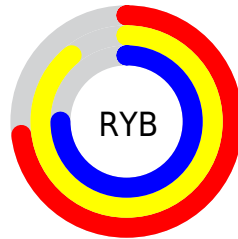
The YIQ color $221.5430, 11.0520, -13.0760$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $192.4570, -11.0520, 13.0760$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, 3.8520, -3.7320$, and $166.7710, 10.4100, -12.4540$ is the 20% darker color. If you saturate the color by 10%, you get $218.3230, 17.2430, -20.6530$, and if you desaturate by 10%, it is $224.7630, 4.8610, -5.4990$.

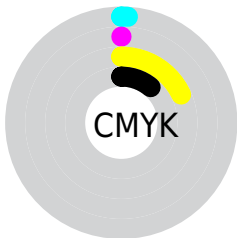
Distribution



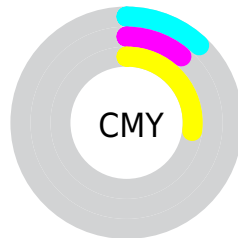
- Red (88%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.5430, 11.0520, -13.0760 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 221.5430, 11.0520, -13.0760 by changing the saturation by 10% instead.

■ 221.5430, 11.0520,
-13.0760

■ 221.5430, 11.0520,
-13.0760

255.0000, -0.0000,
-0.0000

■ 193.6570, 10.7310,
-12.7650

■ 253.6320, 3.8520,
-3.7320

■ 166.7710, 10.4100,
-12.4540

■ 139.8850, 10.0890,
-12.1430

■ 114.7000, 9.1720,
-12.0440

■ 89.8140, 8.8510,
-11.7330

■ 66.0420, 8.2090,
-11.1110

■ 43.8570, 7.2920,

-11.0120

■ 23.6120, 6.6040,
-9.5560

■ 0.0000, 0.0000,
0.0000

■ 221.5430, 11.0520,
-13.0760

■ 221.5430, 11.0520,
-13.0760

■ 218.3230, 17.2430,
-20.6530

■ 224.7630, 4.8610,
-5.4990

■ 215.5160, 23.7090,
-27.7070

■ 227.5700, -1.6050,
1.5550

■ 212.2960, 29.9000,
-35.2840

■ 230.7900, -7.7960,
9.1320

■ 209.0760, 36.0910,
-42.8610

■ 231.3880, -6.6040,
9.5560

■ 205.9700, 41.9610,
-50.1270

■ 231.9860, -5.4120,
9.9800

■ 203.0490, 48.7480,
-57.4920

■ 232.2850, -4.8160,
10.1920

■ 199.8290, 54.9390,
-65.0690

■ 232.8830, -3.6240,
10.6160

■ 196.6090, 61.1300,
-72.6460

■ 233.4810, -2.4320,
11.0400

■ 196.0390, 62.7350,
-74.2010

■ 233.7800, -1.8360,
11.2520

Harmonies

Analogous

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



224.0720, 25.8600, -6.1080



221.5430, 11.0520, -13.0760



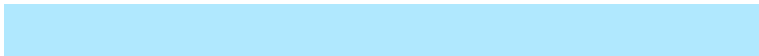
218.9690, -7.8830, -16.8350

Triad

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



221.5430, 11.0520, -13.0760



217.7640, -40.4380, -5.0300



226.3220, 20.1250, 15.2370

Complementary

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



221.5430, 11.0520, -13.0760



192.4570, -11.0520, 13.0760

Split Complementary

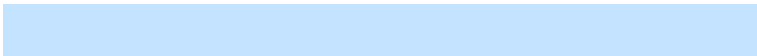
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.9600, 6.6450, 17.2450



221.5430, 11.0520, -13.0760



220.6240, -28.0600, 1.9240

Square

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



221.5430, 11.0520, -13.0760



216.5050, -38.5110, -12.4230



224.5770, -11.5100, 10.3620



224.0420, 26.5450, 9.0170

Rectangle

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



221.5430, 11.0520, -13.0760



217.6240, -20.0330, -16.9050



224.5770, -11.5100, 10.3620



227.1200, 17.8780, 17.4140

Sweetspot

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



221.5430, 11.0520, -13.0760



253.2190, 3.5770, -4.2550



200.7210, 23.0150, 6.9110



126.7890, 1.9720, -2.7000



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.



221.5430, 11.0520, -13.0760



247.6480, 14.9500, -17.6420



215.5630, -0.8680, -17.3160



113.3330, 3.2560, -3.9440



154.4080, 49.1150, -58.6370



43.9900, 13.9870, -16.7090

Inverse Universe

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



192.4570, -11.0520, 13.0760



208.3520, -14.9500, 17.6420



198.4370, 0.8680, 17.3160



104.6670, -3.2560, 3.9440



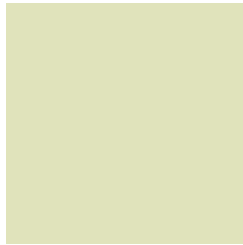
24.2930, -49.7110, 58.4250



7.0100, -13.9870, 16.7090

Previews

White Background



This preview shows how the YIQ color 221.5430, 11.0520, -13.0760 looks on a white background.

Color Contrast Check

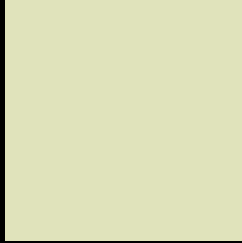
Large Text (above 18pt) WCAG AA × Fail

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 221.5430, 11.0520, -13.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

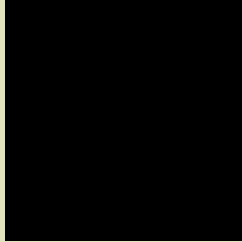
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

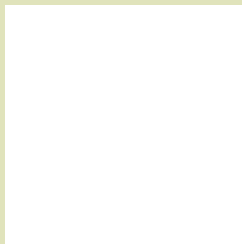
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.5430, 11.0520, -13.0760

Background



This preview shows how black text looks on a background with the YIQ color 221.5430, 11.0520, -13.0760.



This preview shows how white text looks on a background with the YIQ color 221.5430, 11.0520, -13.0760.

-13.0760.

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

221.5430, 11.0520, -13.0760

Protanopia

222.5550, 19.9460, -9.0620

Deuteranopia

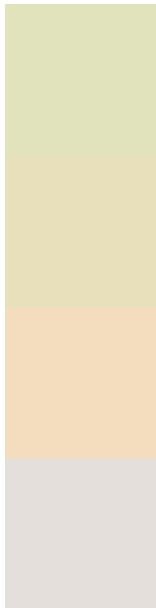
224.9250, 30.9480, 0.8040



Tritanopia

225.2270, 1.0990, 7.6190

Trichromacy



Original Color

221.5430, 11.0520, -13.0760

Protanomaly

222.0600, 16.9660, -10.1220

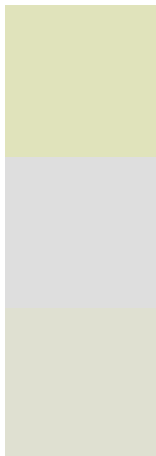
Deuteranomaly

223.7560, 23.9340, -4.2420

Tritanomaly

224.0390, 4.2640, -0.1840

Monochromacy



Original Color

221.5430, 11.0520, -13.0760

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.9910, 4.2190, -4.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.5430, 11.0520, -13.0760 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(224, 227, 187)` looks like.

```
.text, #text, p{  
    color:rgb(224, 227, 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(224, 227, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 227, 187) }
```

Border

The CSS property to change the border of an element to YIQ 221.5430, 11.0520, -13.0760 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(224, 227, 187) }
```


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

```
.border{ border-color:rgb(224, 227, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 227, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 227, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 227, 187);  
box-shadow:4px 4px 4px 4px rgb(224, 227,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 221.5430, 11.0520, -13.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 227, 187) }
```

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

```
.background{ background-color: rgb(224,  
227, 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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