

Converting Colors

YIQ(225.6250, 30.9520,
-21.3040)

Have a look what the booklet for
YIQ(225.6250, 30.9520, -21.3040)
contains.

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Color

**YIQ(225.6250, 30.9520,
-21.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E79B
RGB	242, 231, 155
RGB Percent	95%, 91%, 61%
CMY	0.0510, 0.0941, 0.3920
CMYK	0.00, 0.05, 0.36, 0.05
HSL	52°, 77%, 78%
HSV	52°, 36%, 95%
XYZ	71.1110, 78.3935, 42.4143
YIQ	225.6250, 30.9520, -21.3040

Conversions

Conversions Part 2

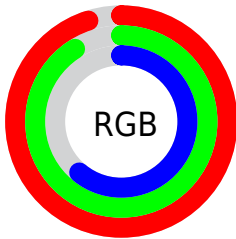
Format	Color
R_{YB}	168, 242, 155
Decimal	15919003
CIE _{Lab}	90.96, -7.12, 38.35
CIE _{LCh}	91, 39.003, 100.520
Y _{xy}	78.3935, 0.3705, 0.4085
Android (android.graphics.Color)	4294109083 (0xFFFF2E79B)
YUV	225.6250, -34.8181, 14.3609
Hunter-Lab	88.5401, -11.5830, 33.5758

Details

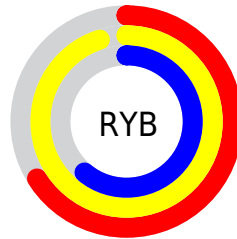
The YIQ color $225.6250, 30.9520, -21.3040$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $171.3750, -30.9520, 21.3040$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.8700, 14.4450, -13.9950$, and $170.3690, 28.7970, -20.7950$ is the 20% darker color. If you saturate the color by 10%, you get $221.1280, 39.4810, -27.1990$, and if you desaturate by 10%, it is $230.1220, 22.4230, -15.4090$.

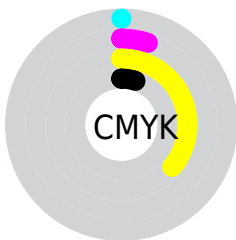
Distribution



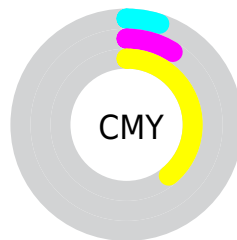
- Red (95%)
- Green (91%)
- Blue (61%)



- Red (66%)
- Yellow (95%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (36%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.6250, 30.9520, -21.3040 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 225.6250, 30.9520, -21.3040 by changing the saturation by 10% instead.

■ 225.6250, 30.9520,
-21.3040

■ 225.6250, 30.9520,
-21.3040

■ 255.0000, -0.0000,
-0.0000

■ 197.5540, 29.7140,
-20.8940

■ 249.8700, 14.4450,
-13.9950

■ 170.3690, 28.7970,
-20.7950

■ 253.1760, 5.1360,
-4.9760

■ 143.2980, 27.5590,
-20.3850

■ 117.1130, 26.6420,
-20.2860

■ 92.5150, 25.4500,
-20.7100

■ 67.5750, 25.2210,
-22.0670

■ 46.6700, 17.8840,

-15.7480

■ 27.1670, 9.3550,
-9.8530

■ 4.1090, -1.9250,
-3.6610

■ 225.6250, 30.9520,
-21.3040

■ 225.6250, 30.9520,
-21.3040

■ 221.1280, 39.4810,
-27.1990

■ 230.1220, 22.4230,
-15.4090

■ 216.6310, 48.0100,
-33.0940

■ 234.6190, 13.8940,
-9.5140

■ 212.0200, 56.8600,
-39.3000

■ 239.2300, 5.0440,
-3.3080

■ 207.5230, 65.3890,
-45.1950

■ 243.7270, -3.4850,
2.5870

■ 203.0260, 73.9180,
-51.0900

■ 245.8300, -5.2730,
1.9510

■ 198.5290, 82.4470,
-56.9850

■ 247.5910, -6.0980,
0.3820

■ 196.2150, 86.2070,
-59.0490

■ 249.3520, -6.9230,
-1.1870

■ 251.1130, -7.7480,
-2.7560

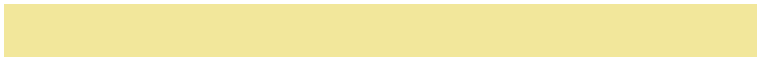
Harmonies

Analogous

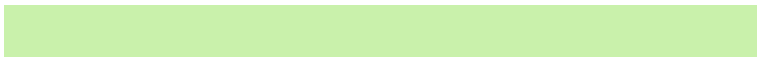
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.3370, 40.9910, -10.5050



225.6250, 30.9520, -21.3040



221.0600, -1.3700, -30.2500

Triad

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



225.6250, 30.9520, -21.3040



206.0520, -86.0080, -27.1920



225.0630, 14.0250, 26.6730

Complementary

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



225.6250, 30.9520, -21.3040



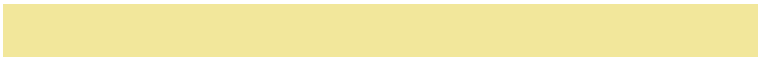
171.3750, -30.9520, 21.3040

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.



230.3240, 8.6160, 20.0720



225.6250, 30.9520, -21.3040



212.7070, -62.6270, -15.8990

Square

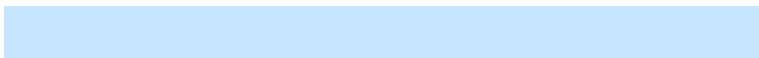
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.6250, 30.9520, -21.3040



209.2070, -76.3790, -30.9950



222.4070, -25.9510, 2.2490



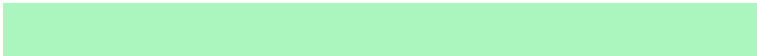
218.9700, 27.0480, 16.4240

Rectangle

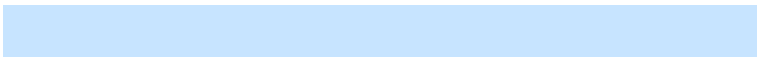
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.6250, 30.9520, -21.3040



217.3050, -27.0450, -33.0050



222.4070, -25.9510, 2.2490



226.8240, 13.2000, 25.1040

Sweetspot

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



225.6250, 30.9520, -21.3040



249.4600, 10.0880, -6.6160



182.3810, 48.0000, 22.1760



124.3010, 6.2820, -3.7180



0.0000, 0.0000, 0.0000



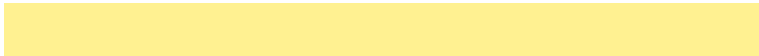
128.0000, -0.0000, -0.0000

Same Dimension

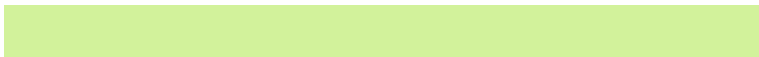
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.6250, 30.9520, -21.3040



234.2420, 39.1600, -26.8880



222.5140, 8.8550, -33.8410



117.4580, 4.4020, -2.6860



148.9360, 65.6640, -44.6720



45.5070, 19.9010, -13.7550

Inverse Universe

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



171.3750, -30.9520, 21.3040



165.7580, -39.1600, 26.8880



174.4860, -8.8550, 33.8410



109.9550, -4.1270, 3.2090



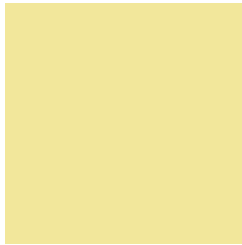
34.4770, -65.3890, 45.1950



10.4930, -19.9010, 13.7550

Previews

White Background



This preview shows how the YIQ color 225.6250, 30.9520, -21.3040 looks on a white background.

Color Contrast Check

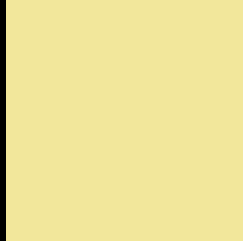
Large Text (above 18pt) WCAG AA × Fail

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 225.6250, 30.9520, -21.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

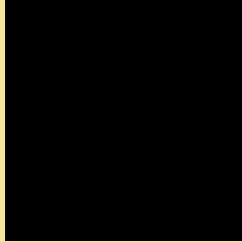
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.6250, 30.9520, -21.3040

Background



This preview shows how black text looks on a background with the YIQ color 225.6250, 30.9520, -21.3040.



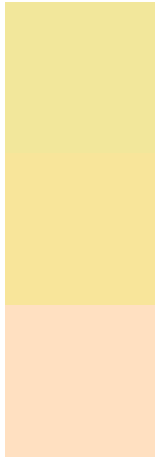
This preview shows how white text looks on a background with the YIQ color 225.6250, 30.9520,

-21.3040.

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

225.6250, 30.9520, -21.3040

Protanopia

226.1310, 35.3990, -19.2970

Deuteranopia

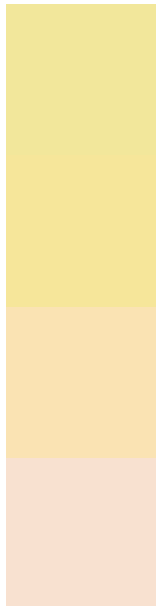
229.7350, 28.4270, -3.0690



Tritanopia

231.9080, 12.4230, 11.6470

Trichromacy



Original Color

225.6250, 30.9520, -21.3040

Protanomaly

226.1200, 33.9320, -20.2440

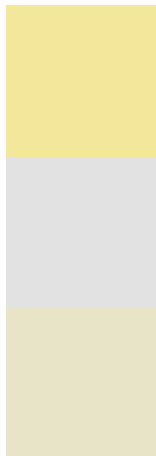
Deuteranomaly

228.4050, 29.1160, -10.0520

Tritanomaly

229.9390, 19.1650, -0.4110

Monochromacy



Original Color

225.6250, 30.9520, -21.3040

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.0040, 11.3720, -7.8600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.6250, 30.9520, -21.3040 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(242, 231, 155)` looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 155)  
}
```

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(242, 231, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 155) }
```

Border

The CSS property to change the border of an element to YIQ 225.6250, 30.9520, -21.3040 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(242, 231, 155) }
```


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

```
.border{ border-color:rgb(242, 231, 155) }
```

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

Here you see how a box with a 4 pixel rgb(242, 231, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 155);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 225.6250, 30.9520, -21.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 155) }
```

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

```
.background{ background-color: rgb(242,  
231, 155) }
```

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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