

Converting Colors

YIQ(238.6250, 30.9520,
-21.3040)

Have a look what the booklet for
YIQ(238.6250, 30.9520, -21.3040)
contains.

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Color

**YIQ(238.6250, 30.9520,
-21.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4A8
RGB	255, 244, 168
RGB Percent	100%, 96%, 66%
CMY	0.0000, 0.0431, 0.3410
CMYK	0.00, 0.04, 0.34, 0.00
HSL	52°, 100%, 83%
HSV	52°, 34%, 100%
XYZ	80.6595, 88.7863, 49.9547
YIQ	238.6250, 30.9520, -21.3040

Conversions

Conversions Part 2

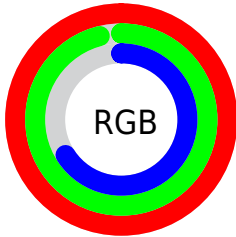
Format	Color
R_{YB}	181, 255, 168
Decimal	16774312
CIE _{Lab}	95.49, -7.19, 37.97
CIE _{LCh}	95, 38.646, 100.716
Yxy	88.7863, 0.3676, 0.4047
Android (android.graphics.Color)	4294964392 (0xFFFFFFFF4A8)
YUV	238.6250, -34.8181, 14.3609
Hunter-Lab	94.2265, -12.0974, 34.5256

Details

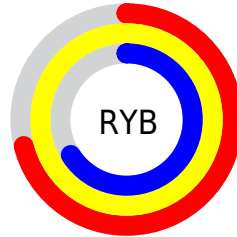
The YIQ color $238.6250, 30.9520, -21.3040$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $184.3750, -30.9520, 21.3040$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.4660, 9.9510, -9.6410$, and $182.3690, 28.7970, -20.7950$ is the 20% darker color. If you saturate the color by 10%, you get $234.0140, 39.8020, -27.5100$, and if you desaturate by 10%, it is $243.3500, 21.7810, -14.7870$.

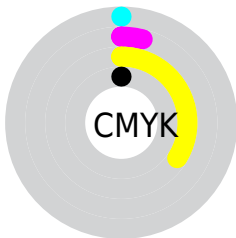
Distribution



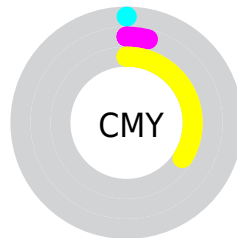
- Red (100%)
- Green (96%)
- Blue (66%)



- Red (71%)
- Yellow (100%)
- Blue (66%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.6250, 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 238.6250, 30.9520, -21.3040 by changing the saturation by 10% instead.

238.6250, 30.9520,
-21.3040

238.6250, 30.9520,
-21.3040

255.0000, -0.0000,
-0.0000

210.4400, 30.0350,
-21.2050

251.4660, 9.9510,
-9.6410

182.3690, 28.7970,
-20.7950

254.7720, 0.6420,
-0.6220

155.2980, 27.5590,
-20.3850

129.1130, 26.6420,
-20.2860

103.6290, 25.1290,
-20.3990

78.3300, 24.5330,
-20.6110

55.8290, 21.6900,

-18.6460

■ 36.0270, 12.5650,
-12.9630

■ 15.9150, 1.3770,
-8.4390

■ 238.6250, 30.9520,
-21.3040

■ 238.6250, 30.9520,
-21.3040

■ 234.0140, 39.8020,
-27.5100

■ 243.3500, 21.7810,
-14.7870

■ 229.2890, 48.9730,
-34.0270

■ 247.9610, 12.9310,
-8.5810

■ 224.0910, 58.0980,
-39.7100

■ 253.2730, 3.4850,
-2.5870

■ 219.3660, 67.2690,
-46.2270

■ 255.0000, -0.0000,
-0.0000

■ 214.7550, 76.1190,
-52.4330

■ 210.0300, 85.2900,
-58.9500

■ 207.1460, 90.6550,
-62.5690

Harmonies

Analogous

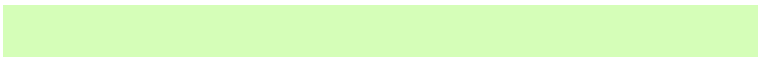
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.4500, 33.2430, -13.2610



238.6250, 30.9520, -21.3040



233.7610, -1.9660, -30.4620

Triad

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



238.6250, 30.9520, -21.3040



215.8310, -78.0760, -27.7720



232.6940, 10.4500, 19.8740

Complementary

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



238.6250, 30.9520, -21.3040



184.3750, -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.



239.1510, 7.4250, 14.1210



238.6250, 30.9520, -21.3040



225.1220, -56.6660, -19.3060

Square

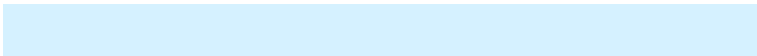
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.6250, 30.9520, -21.3040



218.5220, -72.7120, -25.8640



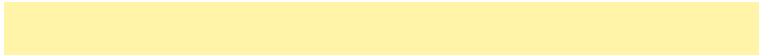
234.2240, -21.1820, -1.5820



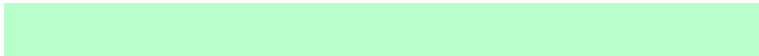
228.0830, 19.3000, 13.6680

Rectangle

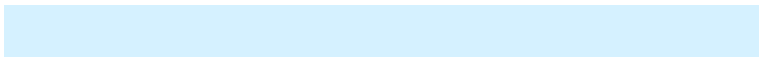
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.6250, 30.9520, -21.3040



227.9570, -25.9450, -30.9130



234.2240, -21.1820, -1.5820



234.4550, 9.6250, 18.3050

Sweetspot

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



238.6250, 30.9520, -21.3040



250.3890, 8.8500, -6.2060



195.3810, 48.0000, 22.1760



125.0020, 5.6860, -3.9300



0.0000, 0.0000, 0.0000



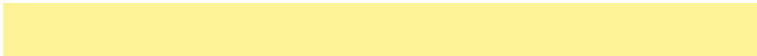
128.0000, -0.0000, -0.0000

Same Dimension

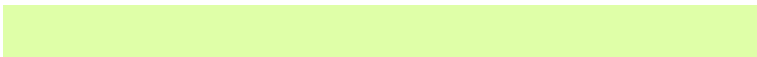
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.6250, 30.9520, -21.3040



235.3990, 37.2800, -25.8560



235.5140, 8.8550, -33.8410



125.3440, 4.7230, -2.9970



155.1380, 67.9110, -46.8490



52.0080, 22.7440, -15.7200

Inverse Universe

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



184.3750, -30.9520, 21.3040



170.1880, -37.5550, 25.3330



187.4860, -8.8550, 33.8410



117.0690, -4.4480, 3.5200



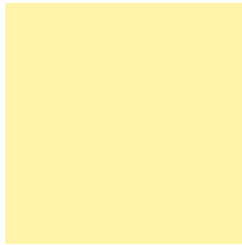
35.8620, -67.9110, 46.8490



11.9920, -22.7440, 15.7200

Previews

White Background



This preview shows how the YIQ color 238.6250, 30.9520, -21.3040 looks on a white background.

Color Contrast Check

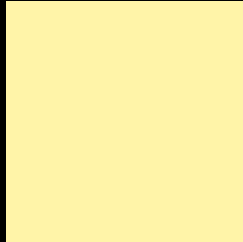
Large Text (above 18pt) WCAG AA × Fail

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 238.6250, 30.9520, -21.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

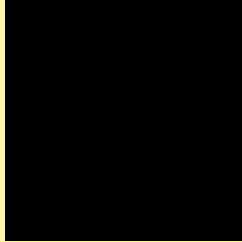
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 238.6250, 30.9520, -21.3040

Background



This preview shows how black text looks on a background with the YIQ color 238.6250, 30.9520, -21.3040.



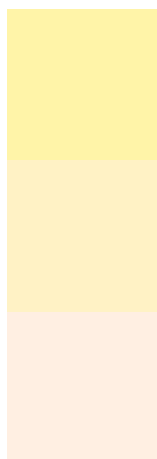
This preview shows how white text looks on a background with the YIQ color 238.6250, 30.9520, -21.3040.

-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

238.6250, 30.9520, -21.3040

Protanopia

240.7570, 22.1930, -11.2390

Deuteranopia

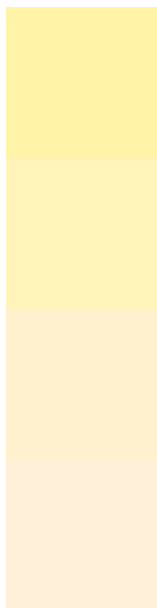
242.3020, 13.7090, -0.6510



Tritanopia

243.5220, 7.5180, 6.9260

Trichromacy



Original Color

238.6250, 30.9520, -21.3040

Protanomaly

240.0900, 25.4490, -15.1830

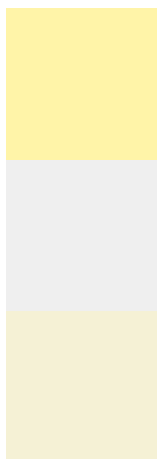
Deuteranomaly

241.0820, 19.9000, -8.2280

Tritanomaly

241.9770, 16.0020, -3.6620

Monochromacy



Original Color

238.6250, 30.9520, -21.3040

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.0040, 11.3720, -7.8600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.6250, 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(255, 244, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 168)  
}
```

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(255, 244, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 168) }
```

Border

The CSS property to change the border of an element to YIQ 238.6250, 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(255, 244, 168) }
```


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

```
.border{ border-color:rgb(255, 244, 168) }
```

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

Here you see how a box with a 4 pixel rgb(255, 244, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 238.6250, 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(255, 244, 168) }
```

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

```
.background{ background-color: rgb(255,  
244, 168) }
```

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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