

Converting Colors

YIQ(240.2250, 20.6350,
-16.0450)

Have a look what the booklet for
YIQ(240.2250, 20.6350, -16.0450)
contains.

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Color

**YIQ(240.2250, 20.6350,
-16.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF5BE
RGB	250, 245, 190
RGB Percent	98%, 96%, 75%
CMY	0.0196, 0.0392, 0.2548
CMYK	0.00, 0.02, 0.24, 0.02
HSL	55°, 86%, 86%
HSV	55°, 24%, 98%
XYZ	81.3718, 89.3455, 61.6900
YIQ	240.2250, 20.6350, -16.0450

Conversions

Conversions Part 2

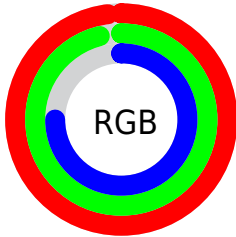
Format	Color
R _Y B	195, 250, 190
Decimal	16446910
CIE Lab	95.72, -6.80, 27.13
CIE LCh	96, 27.975, 104.075
Yxy	89.3455, 0.3501, 0.3844
Android (android.graphics.Color)	4294636990 (0xFFFAF5BE)
YUV	240.2250, -24.7609, 8.5727
Hunter-Lab	94.5227, -11.7496, 27.4704

Details

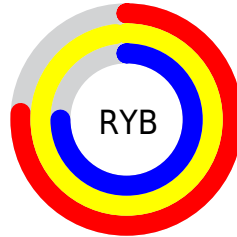
The YIQ color $240.2250, 20.6350, -16.0450$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $199.7750, -20.6350, 16.0450$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.0880, 2.5680, -2.4880$, and $184.1540, 19.3970, -15.6350$ is the 20% darker color. If you saturate the color by 10%, you get $236.2010, 29.2100, -22.7740$, and if you desaturate by 10%, it is $244.2490, 12.0600, -9.3160$.

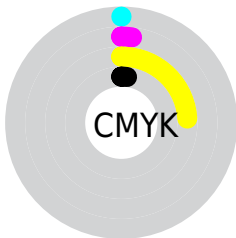
Distribution



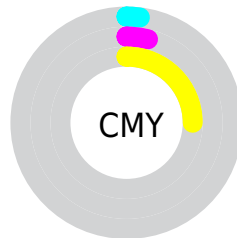
- Red (98%)
- Green (96%)
- Blue (75%)



- Red (76%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.2250, 20.6350, -16.0450 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 240.2250, 20.6350, -16.0450 by changing the saturation by 10% instead.

 240.2250, 20.6350,
-16.0450


 240.2250, 20.6350,
-16.0450


255.0000, -0.0000,
-0.0000


 212.0400, 19.7180,
-15.9460


 254.0880, 2.5680,
-2.4880

 184.1540, 19.3970,
-15.6350

 157.0830, 18.1590,
-15.2250

 131.1970, 17.8380,
-14.9140

 105.4250, 17.1960,
-14.2920

 80.9410, 15.6830,
-14.4050

 57.7560, 14.7660,

-14.3060

■ 36.3260, 13.1610,
-12.7510

■ 16.5130, 2.5690,
-8.0150

■ 240.2250, 20.6350,
-16.0450

■ 240.2250, 20.6350,
-16.0450

■ 236.2010, 29.2100,
-22.7740

■ 244.2490, 12.0600,
-9.3160

■ 232.1770, 37.7850,
-29.5030

■ 248.2730, 3.4850,
-2.5870

■ 228.1530, 46.3600,
-36.2320

■ 251.1570, -1.8800,
1.0320

■ 224.1290, 54.9350,
-42.9610

■ 252.3310, -2.4300,
-0.0140

■ 220.1050, 63.5100,
-49.6900

■ 253.5050, -2.9800,
-1.0600

■ 216.0810, 72.0850,
-56.4190

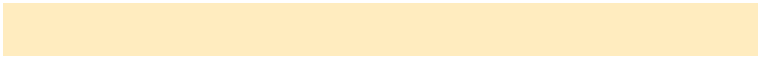
■ 211.4700, 80.9350,
-62.6250

■ 209.1730, 86.0250,
-66.7670

Harmonies

Analogous

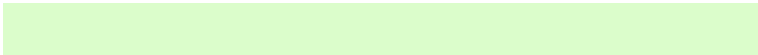
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.5510, 25.7690, -9.9670



240.2250, 20.6350, -16.0450



237.1340, -4.2140, -22.7580

Triad

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



240.2250, 20.6350, -16.0450



229.5850, -50.6600, -18.0200



237.3900, 8.2500, 15.6900

Complementary

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



240.2250, 20.6350, -16.0450



199.7750, -20.6350, 16.0450

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.



241.4990, 6.3250, 12.0290



240.2250, 20.6350, -16.0450



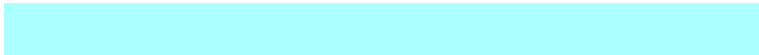
232.9400, -35.3020, -10.0060

Square

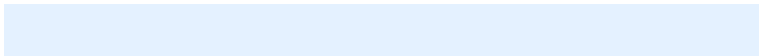
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.2250, 20.6350, -16.0450



229.5850, -50.6600, -18.0200



238.7090, -12.2420, 1.5980



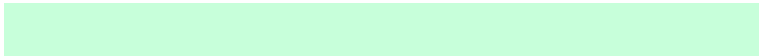
234.0670, 16.2290, 8.7490

Rectangle

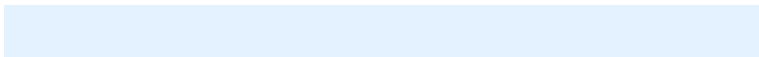
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.2250, 20.6350, -16.0450



234.0380, -21.4990, -23.3790



238.7090, -12.2420, 1.5980



238.5640, 7.7000, 14.6440

Sweetspot

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



240.2250, 20.6350, -16.0450



252.3610, 6.0530, -5.0750



208.5100, 34.1550, 14.2750



126.1590, 3.8060, -2.8980



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

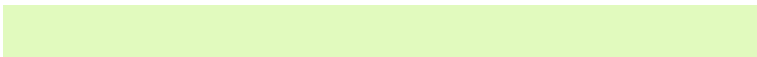
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.2250, 20.6350, -16.0450



243.0420, 25.4040, -19.8760



235.6850, 4.3600, -23.9600



122.9310, 4.4480, -3.5200



158.0620, 65.0690, -50.4110



51.1110, 20.9560, -16.3560

Inverse Universe

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



199.7750, -20.6350, 16.0450



192.9580, -25.4040, 19.8760



204.3150, -4.3600, 23.9600



114.0690, -4.4480, 3.5200



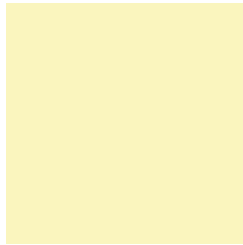
30.9380, -65.0690, 50.4110



9.8890, -20.9560, 16.3560

Previews

White Background



This preview shows how the YIQ color 240.2250, 20.6350, -16.0450 looks on a white background.

Color Contrast Check

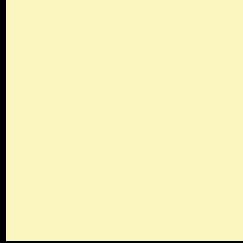
Large Text (above 18pt) WCAG AA × Fail

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 240.2250, 20.6350, -16.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

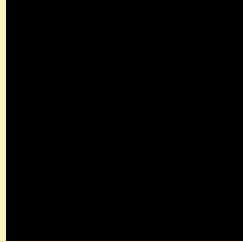
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.2250, 20.6350, -16.0450

Background



This preview shows how black text looks on a background with the YIQ color 240.2250, 20.6350, -16.0450.



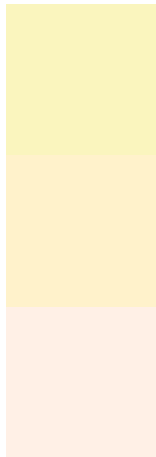
This preview shows how white text looks on a background with the YIQ color 240.2250, 20.6350,

-16.0450.

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

240.2250, 20.6350, -16.0450

Protanopia

241.4410, 20.2670, -9.3730

Deuteranopia

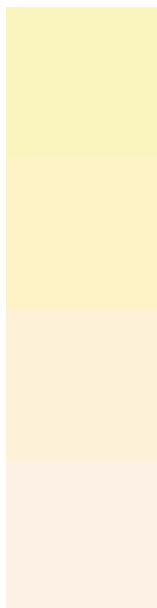
243.3450, 12.1500, 0.0700



Tritanopia

244.6790, 5.6380, 7.9580

Trichromacy



Original Color

240.2250, 20.6350, -16.0450

Protanomaly

240.8600, 20.4050, -11.8750

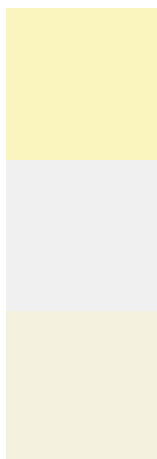
Deuteranomaly

242.2110, 15.2230, -6.0650

Tritanomaly

243.2200, 11.0040, -1.1880

Monochromacy



Original Color

240.2250, 20.6350, -16.0450

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.3180, 7.6120, -5.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.2250, 20.6350, -16.0450 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, 245, 190)` looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 190)  
}
```

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, 245, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 190) }
```

Border

The CSS property to change the border of an element to YIQ 240.2250, 20.6350, -16.0450 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, 245, 190) }
```


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

```
.border{ border-color:rgb(250, 245, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 245, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 190);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 240.2250, 20.6350, -16.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 190) }
```

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

```
.background{ background-color: rgb(250,  
245, 190) }
```

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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