

Converting Colors

YIQ(245.7850, 7.7950, -3.6050)

Have a look what the booklet for
YIQ(245.7850, 7.7950, -3.6050)
contains.

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Color

**YIQ(245.7850, 7.7950,
-3.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF6E7
RGB	251, 246, 231
RGB Percent	98%, 96%, 91%
CMY	0.0157, 0.0353, 0.0941
CMYK	0.00, 0.02, 0.08, 0.02
HSL	45°, 71%, 95%
HSV	45°, 8%, 98%
XYZ	87.1643, 92.1897, 88.8097
YIQ	245.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

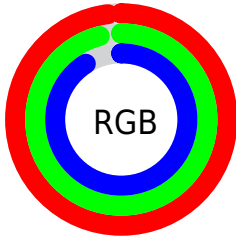
Format	Color
R _Y B	238, 251, 231
Decimal	16512743
CIE Lab	96.90, -0.85, 7.79
CIE LCh	97, 7.832, 96.242
Yxy	92.1897, 0.3250, 0.3438
Android (android.graphics.Color)	4294702823 (0xFFFBF6E7)
YUV	245.7850, -7.2890, 4.5736
Hunter-Lab	96.0155, -5.9820, 12.3704

Details

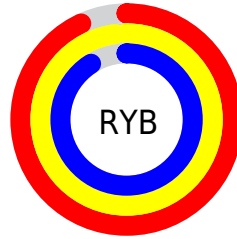
The YIQ color $245.7850, 7.7950, -3.6050$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.2150, -7.7950, 3.6050$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.4860, 7.1990, -3.8170$ is the 20% darker color. If you saturate the color by 10%, you get $239.4130, 17.4700, -8.2420$, and if you desaturate by 10%, it is $252.0430, -1.5590, 0.7210$.

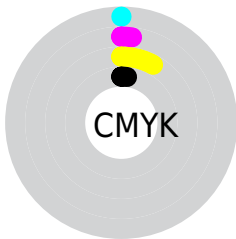
Distribution



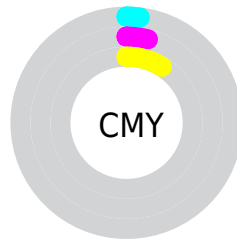
- Red (98%)
- Green (96%)
- Blue (91%)



- Red (93%)
- Yellow (98%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.7850, 7.7950, -3.6050 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 245.7850, 7.7950, -3.6050 by changing the saturation by 10% instead.

■ 245.7850, 7.7950,
-3.6050

■ 245.7850, 7.7950,
-3.6050

255.0000, -0.0000,
-0.0000

■ 217.4860, 7.1990,
-3.8170

■ 189.4860, 7.1990,
-3.8170

■ 162.6000, 6.8780,
-3.5060

■ 136.0130, 7.1530,
-2.9830

■ 110.7140, 6.5570,
-3.1950

■ 86.7140, 6.5570,
-3.1950

■ 63.5290, 5.6400,

-3.0960

■ 41.6430, 5.3190,
-2.7850

■ 20.4860, 7.1990,
-3.8170

■ 245.7850, 7.7950,
-3.6050

■ 245.7850, 7.7950,
-3.6050

■ 239.4130, 17.4700,
-8.2420

■ 252.0430, -1.5590,
0.7210

■ 232.4540, 27.4200,
-12.3560

■ 253.8040, -2.3840,
-0.8480

■ 226.0820, 37.0950,
-16.9930

■ 219.7100, 46.7700,
-21.6300

■ 213.3380, 56.4450,
-26.2670

■ 206.2650, 66.7160,
-30.6920

■ 199.8930, 76.3910,
-35.3290

■ 193.5210, 86.0660,
-39.9660

■ 187.1490, 95.7410,
-44.6030

Harmonies

Analogous

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



245.9210, 10.4080, -1.4000



245.7850, 7.7950, -3.6050



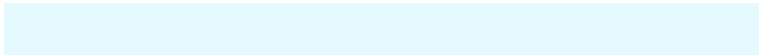
244.6100, 0.9180, -5.6260

Triad

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



245.7850, 7.7950, -3.6050



243.9920, -14.7170, -3.1090



247.0270, 4.5380, 5.8660

Complementary

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



245.7850, 7.7950, -3.6050



236.2150, -7.7950, 3.6050

Split Complementary

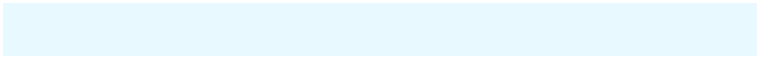
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.0480, 0.0450, 4.6930



245.7850, 7.7950, -3.6050



244.6010, -12.0580, -1.7380

Square

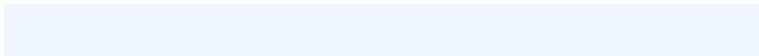
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.7850, 7.7950, -3.6050



243.9660, -11.8280, -5.9080



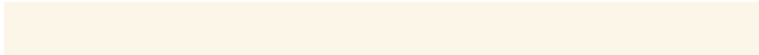
245.2320, -6.4650, 1.5270



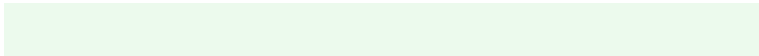
245.6420, 7.0600, 4.2120

Rectangle

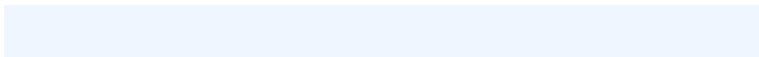
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.7850, 7.7950, -3.6050



244.3320, -4.1710, -7.0110



245.2320, -6.4650, 1.5270



247.3690, 3.5750, 6.7990

Sweetspot

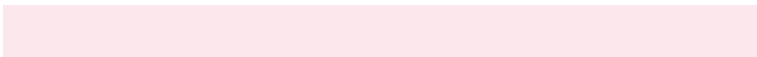
The Sweet Spot groups the original color and five complimentary colors.



245.7850, 7.7950, -3.6050



253.8430, 1.8800, -1.0320



237.5500, 10.3150, 5.7950



127.0710, 1.2380, -0.4100



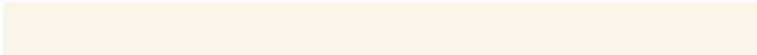
0.0000, 0.0000, 0.0000



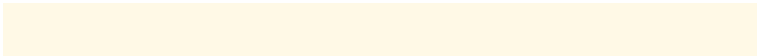
128.0000, -0.0000, -0.0000

Same Dimension

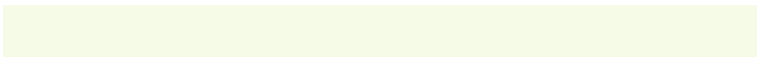
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.7850, 7.7950, -3.6050



248.6280, 9.6750, -4.6370



247.2250, 3.4400, -7.2800



121.7570, 4.9980, -2.4740



139.8650, 73.5940, -34.1980



45.2410, 23.7060, -11.1260

Inverse Universe

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



236.2150, -7.7950, 3.6050



236.3720, -9.6750, 4.6370



234.7750, -3.4400, 7.2800



115.8300, -5.2730, 1.9510



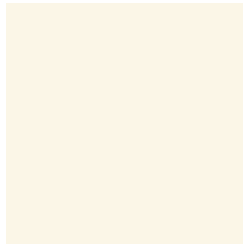
49.1350, -73.5940, 34.1980



15.7590, -23.7060, 11.1260

Previews

White Background



This preview shows how the YIQ color 245.7850, 7.7950, -3.6050 looks on a white background.

Color Contrast Check

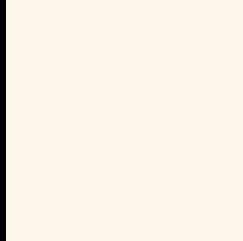
Large Text (above 18pt) WCAG AA × Fail

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 245.7850, 7.7950, -3.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

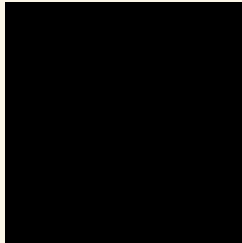
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 245.7850, 7.7950, -3.6050

Background



This preview shows how black text looks on a background with the YIQ color 245.7850, 7.7950, -3.6050.



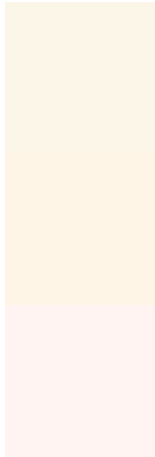
This preview shows how white text looks on a background with the YIQ color 245.7850, 7.7950,

-3.650.

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

245.7850, 7.7950, -3.6050

Protanopia

246.0950, 9.8580, -2.4460

Deuteranopia

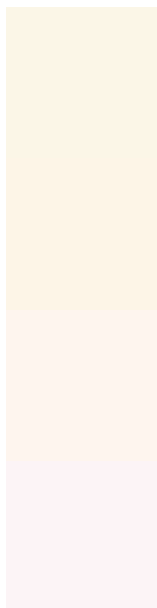
247.0610, 7.1980, 1.7100



Tritanopia

247.0590, 1.5120, 5.6400

Trichromacy



Original Color

245.7850, 7.7950, -3.6050

Protanomaly

245.7960, 9.2620, -2.6580

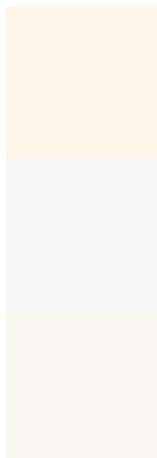
Deuteranomaly

246.8930, 7.6110, -0.2690

Tritanomaly

246.6200, 4.1260, 2.3180

Monochromacy



Original Color

245.7850, 7.7950, -3.6050

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

246.0280, 2.7970, -1.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.7850, 7.7950, -3.6050 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(251, 246, 231)` looks like.

```
.text, #text, p{  
    color:rgb(251, 246, 231)  
}
```

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(251, 246, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 246, 231) }
```

Border

The CSS property to change the border of an element to YIQ 245.7850, 7.7950, -3.6050 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(251, 246, 231) }
```


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

```
.border{ border-color:rgb(251, 246, 231) }
```

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

Here you see how a box with a 4 pixel rgb(251, 246, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 246, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 246, 231);  
box-shadow:4px 4px 4px 4px rgb(251, 246,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 245.7850, 7.7950, -3.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 246, 231) }
```

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

```
.background{ background-color: rgb(251,  
246, 231) }
```

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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