

Converting Colors

YIQ(226.9690, 35.6750,
-24.3010)

Have a look what the booklet for
YIQ(226.9690, 35.6750, -24.3010)
contains.

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Color

**YIQ(226.9690, 35.6750,
-24.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E992
RGB	246, 233, 146
RGB Percent	96%, 91%, 57%
CMY	0.0353, 0.0863, 0.4272
CMYK	0.00, 0.05, 0.41, 0.04
HSL	52°, 85%, 77%
HSV	52°, 41%, 96%
XYZ	72.3337, 79.9433, 38.8341
YIQ	226.9690, 35.6750, -24.3010

Conversions

Conversions Part 2

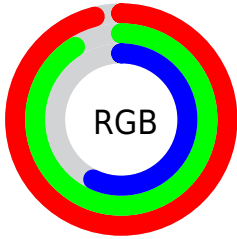
Format	Color
R _Y B	161, 246, 146
Decimal	16181650
CIE Lab	91.66, -7.55, 43.79
CIE LCh	92, 44.432, 99.787
Yxy	79.9433, 0.3785, 0.4183
Android (android.graphics.Color)	4294371730 (0xFFFF6E992)
YUV	226.9690, -39.9177, 16.6902
Hunter-Lab	89.4110, -12.0625, 36.8362

Details

The YIQ color $226.9690, 35.6750, -24.3010$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $165.0310, -35.6750, 24.3010$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.8440, 17.3340, -16.7940$, and $171.4140, 32.9240, -24.0040$ is the 20% darker color. If you saturate the color by 10%, you get $222.3580, 44.5250, -30.5070$, and if you desaturate by 10%, it is $231.5800, 26.8250, -18.0950$.

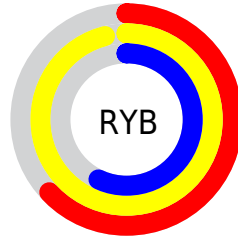
Distribution



Red (96%)

Green (91%)

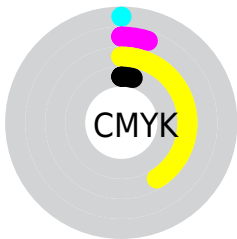
Blue (57%)



Red (63%)

Yellow (96%)

Blue (57%)

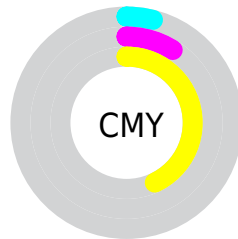


Cyan (0%)

Magenta (5%)

Yellow (41%)

Black (4%)



Cyan (4%)


Magenta (9%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 226.9690, 35.6750, -24.3010 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 226.9690, 35.6750, -24.3010 by changing the saturation by 10% instead.


 226.9690, 35.6750,
-24.3010


 226.9690, 35.6750,
-24.3010


255.0000, -0.0000,
-0.0000


 198.8980, 34.4370,
-23.8910


 248.8440, 17.3340,
-16.7940


 170.8270, 33.1990,
-23.4810

 252.1500, 8.0250,
-7.7750

 144.3430, 31.6860,
-23.5940

 118.1580, 30.7690,
-23.4950

 92.3320, 30.2190,
-24.5410

 69.1190, 26.5050,
-23.3110

 48.1430, 17.9300,

-16.5820

■ 28.6400, 9.4010,
-10.6870

■ 6.4570, -3.0250,
-5.7530

■ 226.9690, 35.6750,
-24.3010

■ 226.9690, 35.6750,
-24.3010

■ 222.3580, 44.5250,
-30.5070

■ 231.5800, 26.8250,
-18.0950

■ 217.8610, 53.0540,
-36.4020

■ 236.0770, 18.2960,
-12.2000

■ 212.6630, 62.1790,
-42.0850

■ 241.2750, 9.1710,
-6.5170

■ 208.1660, 70.7080,
-47.9800

■ 245.7720, 0.6420,
-0.6220

■ 203.5550, 79.5580,
-54.1860

■ 248.7870, -3.7140,
1.2300

■ 199.1720, 87.7660,
-59.7700

■ 250.5480, -4.5390,
-0.3390

■ 252.3090, -5.3640,
-1.9080

Harmonies

Analogous

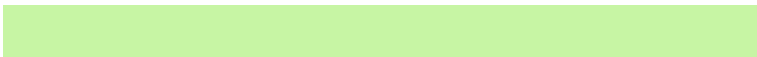
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.5390, 43.2380, -12.6820



226.9690, 35.6750, -24.3010



222.0120, -1.4150, -34.9430

Triad

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



226.9690, 35.6750, -24.3010



198.2230, -108.8390, -37.4390



223.8890, 14.5750, 27.7190

Complementary

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



226.9690, 35.6750, -24.3010



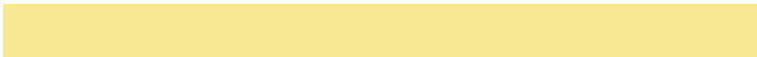
165.0310, -35.6750, 24.3010

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.



231.2210, 10.4040, 20.7080



226.9690, 35.6750, -24.3010



208.7870, -74.7760, -21.4960

Square

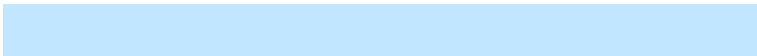
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.9690, 35.6750, -24.3010



205.0200, -92.1500, -37.0300



221.7870, -30.0770, -0.0690



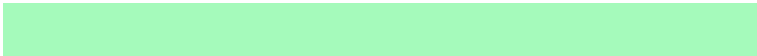
217.3230, 27.5520, 18.3040

Rectangle

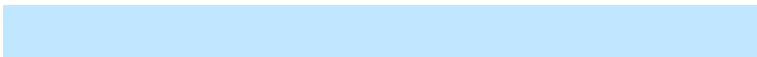
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.9690, 35.6750, -24.3010



217.4030, -30.4370, -37.6130



221.7870, -30.0770, -0.0690



226.2370, 13.4750, 25.6270

Sweetspot

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



226.9690, 35.6750, -24.3010



249.1180, 11.0510, -7.5490



177.3820, 55.4270, 25.2430



124.1870, 6.6030, -4.0290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

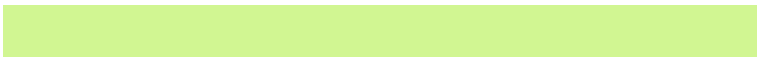
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.9690, 35.6750, -24.3010



231.3580, 44.5250, -30.5070



223.5370, 10.0480, -38.9440



120.0450, 4.1270, -3.2090



150.7080, 66.3060, -45.2940



47.5780, 21.1390, -14.1650

Inverse Universe

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



165.0310, -35.6750, 24.3010



153.6420, -44.5250, 30.5070



168.4630, -10.0480, 38.9440



112.5420, -4.4020, 2.6860



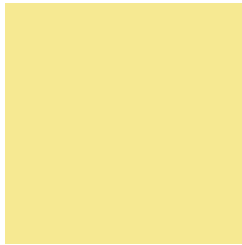
35.2920, -66.3060, 45.2940



11.4220, -21.1390, 14.1650

Previews

White Background



This preview shows how the YIQ color 226.9690, 35.6750, -24.3010 looks on a white background.

Color Contrast Check

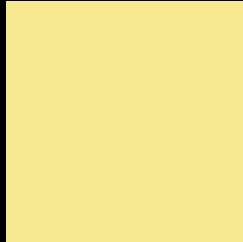
Large Text (above 18pt) WCAG AA × Fail

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 226.9690, 35.6750, -24.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

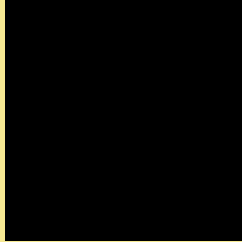
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.9690, 35.6750, -24.3010

Background



This preview shows how black text looks on a background with the YIQ color 226.9690, 35.6750, -24.3010.



This preview shows how white text looks on a background with the YIQ color 226.9690, 35.6750, -24.3010.

-24.3010.

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

226.9690, 35.6750, -24.3010

Protanopia

227.4750, 40.1220, -22.2940

Deuteranopia

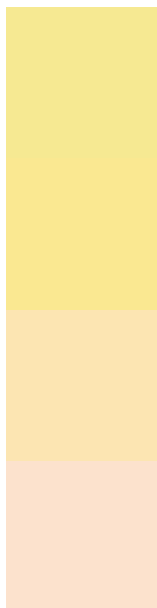
231.3650, 26.5930, -2.8710



Tritanopia

233.8050, 14.2110, 12.2830

Trichromacy



Original Color

226.9690, 35.6750, -24.3010

Protanomaly

227.4640, 38.6550, -23.2410

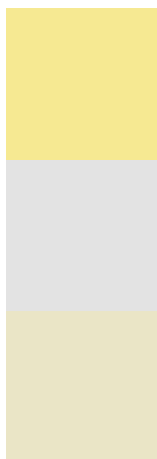
Deuteranomaly

230.0630, 30.0790, -10.9850

Tritanomaly

231.3800, 22.2370, -1.0190

Monochromacy



Original Color

226.9690, 35.6750, -24.3010

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.9610, 12.9310, -8.5810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.9690, 35.6750, -24.3010 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(246, 233, 146)` looks like.

```
.text, #text, p{  
    color:rgb(246, 233, 146)  
}
```

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(246, 233, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 233, 146) }
```

Border

The CSS property to change the border of an element to YIQ 226.9690, 35.6750, -24.3010 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(246, 233, 146) }
```


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

```
.border{ border-color:rgb(246, 233, 146) }
```

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

Here you see how a box with a 4 pixel rgb(246, 233, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 233, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 233, 146);  
box-shadow:4px 4px 4px 4px rgb(246, 233,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 226.9690, 35.6750, -24.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 233, 146) }
```

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

```
.background{ background-color: rgb(246,  
233, 146) }
```

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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