

Converting Colors

YIQ(223.7050, 27.9710,
-16.8370)

Have a look what the booklet for
YIQ(223.7050, 27.9710, -16.8370)
contains.

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Color

**YIQ(223.7050, 27.9710,
-16.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E3A4
RGB	240, 227, 164
RGB Percent	94%, 89%, 64%
CMY	0.0588, 0.1098, 0.3567
CMYK	0.00, 0.05, 0.32, 0.06
HSL	50°, 72%, 79%
HSV	50°, 32%, 94%
XYZ	70.1065, 76.1418, 46.1431
YIQ	223.7050, 27.9710, -16.8370

Conversions

Conversions Part 2

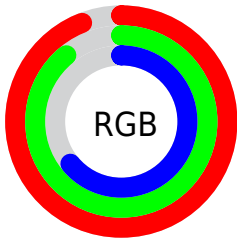
Format	Color
RYB	180, 240, 164
Decimal	15786916
CIELab	89.93, -4.81, 32.40
CIELCh	90, 32.759, 98.446
Yxy	76.1418, 0.3644, 0.3958
Android (android.graphics.Color)	4293976996 (0xFFFF0E3A4)
YUV	223.7050, -29.4346, 14.2907
Hunter-Lab	87.2593, -9.2918, 29.7287

Details

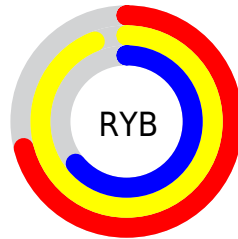
The YIQ color $223.7050, 27.9710, -16.8370$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $180.2950, -27.9710, 16.8370$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8960, 11.5560, -11.1960$, and $168.4490, 25.8160, -16.3280$ is the 20% darker color. If you saturate the color by 10%, you get $218.6210, 36.7750, -22.2090$, and if you desaturate by 10%, it is $228.7890, 19.1670, -11.4650$.

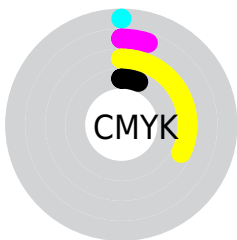
Distribution



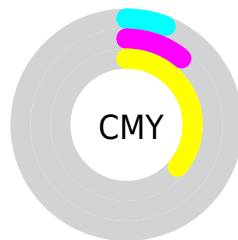
- Red (94%)
- Green (89%)
- Blue (64%)



- Red (71%)
- Yellow (94%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (32%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.7050, 27.9710, -16.8370 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 223.7050, 27.9710, -16.8370 by changing the saturation by 10% instead.

■ 223.7050, 27.9710,
-16.8370

■ 223.7050, 27.9710,
-16.8370

255.0000, -0.0000,
-0.0000

■ 195.5200, 27.0540,
-16.7380

■ 250.8960, 11.5560,
-11.1960

■ 168.4490, 25.8160,
-16.3280

■ 254.2020, 2.2470,
-2.1770

■ 141.6770, 25.1740,
-15.7060

■ 116.1930, 23.6610,
-15.8190

■ 91.0080, 22.7440,
-15.7200

■ 66.8230, 21.8270,
-15.6210

■ 44.9090, 18.7090,

-14.1790

■ 25.4060, 10.1800,
-8.2840

■ 0.0000, 0.0000,
0.0000

■ 223.7050, 27.9710,
-16.8370

■ 223.7050, 27.9710,
-16.8370

■ 218.6210, 36.7750,
-22.2090

■ 228.7890, 19.1670,
-11.4650

■ 213.5370, 45.5790,
-27.5810

■ 233.8730, 10.3630,
-6.0930

■ 208.4530, 54.3830,
-32.9530

■ 238.9570, 1.5590,
-0.7210

■ 203.3690, 63.1870,
-38.3250

■ 243.4710, -5.6400,
3.0960

■ 197.6980, 72.2660,
-43.1740

■ 246.4060, -7.0150,
0.4810

■ 192.6140, 81.0700,
-48.5460

■ 248.7540, -8.1150,
-1.6110

■ 188.5730, 88.3150,
-53.1970

■ 250.5150, -8.9400,
-3.1800

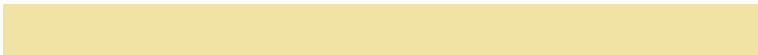
Harmonies

Analogous

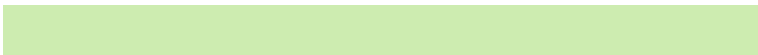
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.3030, 38.3310, -6.3490



223.7050, 27.9710, -16.8370



219.8910, 0.7840, -25.2320

Triad

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



223.7050, 27.9710, -16.8370



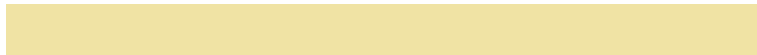
210.8910, -69.1370, -19.0650



225.6670, 15.0800, 24.0720

Complementary

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



223.7050, 27.9710, -16.8370



180.2950, -27.9710, 16.8370

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.



227.6330, 3.2520, 18.1640



223.7050, 27.9710, -16.8370



214.5450, -53.1830, -10.8390

Square

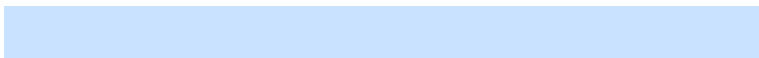
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.7050, 27.9710, -16.8370



211.7640, -58.7740, -25.1580



221.5320, -24.8050, 3.5070



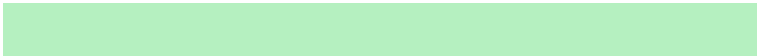
220.2580, 26.1770, 15.6890

Rectangle

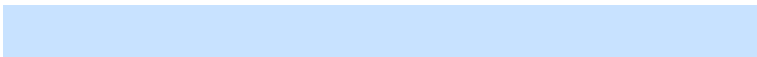
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.7050, 27.9710, -16.8370



216.8870, -19.7560, -27.4360



221.5320, -24.8050, 3.5070



227.9980, 12.6500, 24.0580

Sweetspot

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



223.7050, 27.9710, -16.8370



250.0300, 8.4830, -5.0610



188.3200, 40.8020, 20.4660



124.5290, 5.6400, -3.0960



0.0000, 0.0000, 0.0000



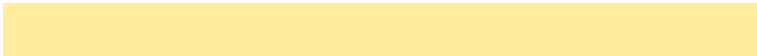
128.0000, -0.0000, -0.0000

Same Dimension

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



223.7050, 27.9710, -16.8370



233.9630, 35.8120, -21.2760



224.1600, 10.0920, -28.7240



117.4580, 4.4020, -2.6860



144.2400, 67.8640, -40.4880



44.3330, 20.4510, -12.7090

Inverse Universe

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



180.2950, -27.9710, 16.8370



179.0370, -35.8120, 21.2760



179.8400, -10.0920, 28.7240



110.5420, -4.4020, 2.6860



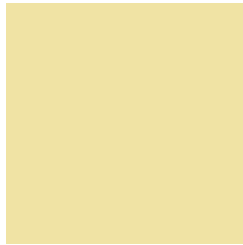
39.1730, -67.5890, 41.0110



12.2540, -20.7260, 12.1860

Previews

White Background



This preview shows how the YIQ color 223.7050, 27.9710, -16.8370 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 223.7050, 27.9710, -16.8370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

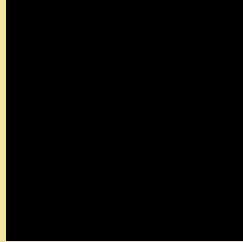
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.7050, 27.9710, -16.8370

Background



This preview shows how black text looks on a background with the YIQ color 223.7050, 27.9710, -16.8370.



This preview shows how white text looks on a background with the YIQ color 223.7050, 27.9710,

-16.8370.

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

223.7050, 27.9710, -16.8370

Protanopia

224.0150, 30.0340, -15.6780

Deuteranopia

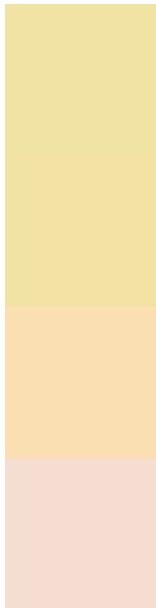
226.8170, 31.1320, -2.5320



Tritanopia

228.9080, 12.4230, 11.6470

Trichromacy



Original Color

223.7050, 27.9710, -16.8370

Protanomaly

223.7160, 29.4380, -15.8900

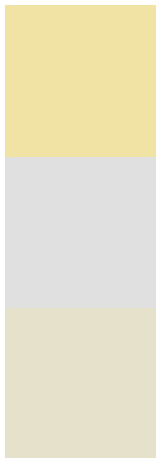
Deuteranomaly

226.0570, 30.2160, -7.9600

Tritanomaly

226.8080, 18.1560, 1.3560

Monochromacy



Original Color

223.7050, 27.9710, -16.8370

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.8730, 10.3630, -6.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.7050, 27.9710, -16.8370 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(240, 227, 164)` looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 164)  
}
```

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(240, 227, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 164) }
```

Border

The CSS property to change the border of an element to YIQ 223.7050, 27.9710, -16.8370 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(240, 227, 164) }
```


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

```
.border{ border-color:rgb(240, 227, 164) }
```

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

Here you see how a box with a 4 pixel rgb(240, 227, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 164);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 223.7050, 27.9710, -16.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 164) }
```

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

```
.background{ background-color: rgb(240,  
227, 164) }
```

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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