

Converting Colors

YIQ(224.4070, 17.6070, -5.2170)

Have a look what the booklet for
YIQ(224.4070, 17.6070, -5.2170)
contains.

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Color

**YIQ(224.4070, 17.6070,
-5.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDFC4
RGB	238, 223, 196
RGB Percent	93%, 87%, 77%
CMY	0.0666, 0.1255, 0.2313
CMYK	0.00, 0.06, 0.18, 0.07
HSL	39°, 55%, 85%
HSV	39°, 18%, 93%
XYZ	71.6139, 74.9365, 62.9281
YIQ	224.4070, 17.6070, -5.2170

Conversions

Conversions Part 2

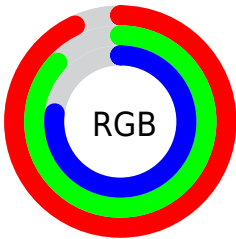
Format	Color
R _Y B	219, 238, 196
Decimal	15654852
CIE Lab	89.36, 0.83, 15.07
CIE LCh	89, 15.090, 86.865
Yxy	74.9365, 0.3419, 0.3577
Android (android.graphics.Color)	4293844932 (0xFFEEDFC4)
YUV	224.4070, -14.0047, 11.9211
Hunter-Lab	86.5659, -3.8214, 17.4959

Details

The YIQ color $224.4070, 17.6070, -5.2170$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $209.5930, -17.6070, 5.2170$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.7720, 0.6420, -0.6220$, and $169.2220, 16.6900, -5.1180$ is the 20% darker color. If you saturate the color by 10%, you get $216.3880, 27.7860, -7.9740$, and if you desaturate by 10%, it is $232.4260, 7.4280, -2.4600$.

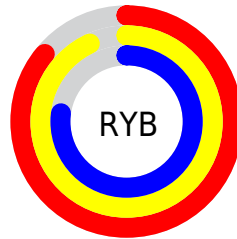
Distribution



Red (93%)

Green (87%)

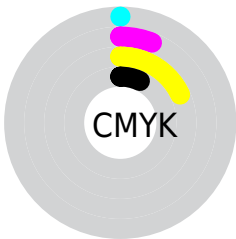
Blue (77%)



Red (86%)

Yellow (93%)

Blue (77%)

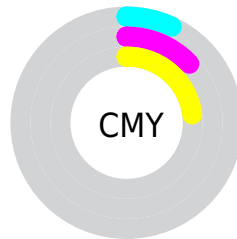


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.4070, 17.6070, -5.2170 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 224.4070, 17.6070, -5.2170 by changing the saturation by 10% instead.

■ 224.4070, 17.6070,
-5.2170

■ 224.4070, 17.6070,
-5.2170

255.0000, -0.0000,
-0.0000

■ 196.5210, 17.2860,
-4.9060

254.7720, 0.6420,
-0.6220

■ 169.2220, 16.6900,
-5.1180

■ 143.0370, 15.7730,
-5.0190

■ 117.1510, 15.4520,
-4.7080

■ 91.9660, 14.5350,
-4.6090

■ 68.7810, 13.6180,
-4.5100

■ 46.2970, 12.1050,

-4.6230

■ 25.1400, 13.9850,
-5.6550

■ 0.0000, 0.0000,
0.0000

■ 224.4070, 17.6070,
-5.2170

■ 224.4070, 17.6070,
-5.2170

■ 216.3880, 27.7860,
-7.9740

■ 232.4260, 7.4280,
-2.4600

■ 208.9560, 37.6900,
-11.2540

■ 239.8580, -2.4760,
0.8200

■ 201.0510, 47.5480,
-13.7000

■ 246.3950, -8.4820,
-0.4660

■ 193.6190, 57.4520,
-16.9800

■ 249.9170,
-10.1320, -3.6040

■ 185.6000, 67.6310,
-19.7370

■ 178.1680, 77.5350,
-23.0170

■ 170.1490, 87.7140,
-25.7740

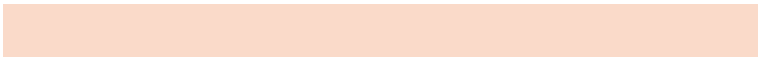
■ 162.8310, 97.2970,
-28.7430

■ 160.9730, 99.7730,
-29.5630

Harmonies

Analogous

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



225.6300, 24.5290, 1.4970



224.4070, 17.6070, -5.2170



222.9000, 5.7330, -10.2910

Triad

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



224.4070, 17.6070, -5.2170



220.0010, -28.1040, -8.2960



227.2110, 7.1960, 12.7640

Complementary

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



224.4070, 17.6070, -5.2170



209.5930, -17.6070, 5.2170

Split Complementary

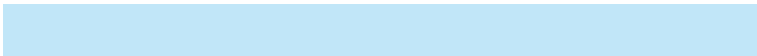
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.8010, -6.3290, 10.0790



224.4070, 17.6070, -5.2170



220.9890, -27.8300, -2.2460

Square

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



224.4070, 17.6070, -5.2170



219.7860, -20.3090, -11.9010



223.3970, -19.9910, 4.3690



227.7300, 18.7960, 11.7880

Rectangle

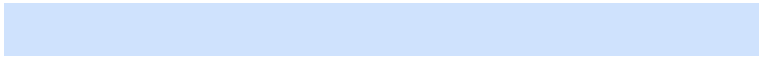
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.4070, 17.6070, -5.2170



221.4690, -3.2990, -11.8030



223.3970, -19.9910, 4.3690



226.6450, 2.9780, 12.1140

Sweetspot

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



224.4070, 17.6070, -5.2170



250.5830, 5.5480, -1.4280



210.2680, 20.2170, 13.5690



125.3270, 3.3930, -0.9190



0.0000, 0.0000, 0.0000



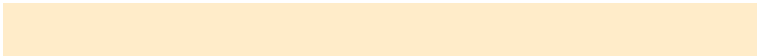
128.0000, -0.0000, -0.0000

Same Dimension

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



224.4070, 17.6070, -5.2170



237.6910, 22.5590, -6.8570



231.4180, 9.9060, -14.3340



116.2840, 4.9520, -1.6400



124.2820, 77.2140, -22.7060



37.8760, 23.4760, -6.9560

Inverse Universe

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



209.5930, -17.6070, 5.2170



218.8960, -22.8340, 6.3340



202.5820, -9.9060, 14.3340



111.7160, -4.9520, 1.6400



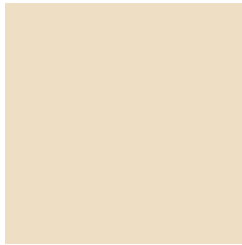
59.7180, -77.2140, 22.7060



18.1240, -23.4760, 6.9560

Previews

White Background



This preview shows how the YIQ color 224.4070, 17.6070, -5.2170 looks on a white background.

Color Contrast Check

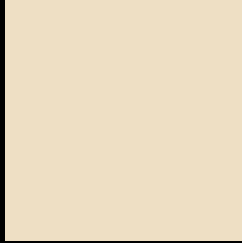
Large Text (above 18pt) WCAG AA × Fail

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 224.4070, 17.6070, -5.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

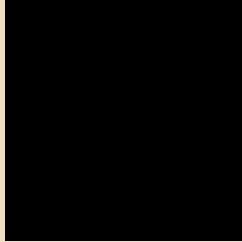
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

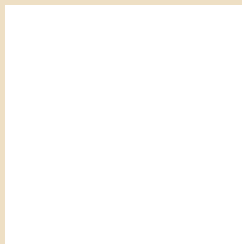
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.4070, 17.6070, -5.2170

Background



This preview shows how black text looks on a background with the YIQ color 224.4070, 17.6070, -5.2170.



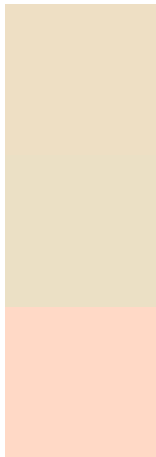
This preview shows how white text looks on a background with the YIQ color 224.4070, 17.6070,

-5.2170.

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

224.4070, 17.6070, -5.2170

Protanopia

224.2110, 15.2230, -6.0650

Deuteranopia

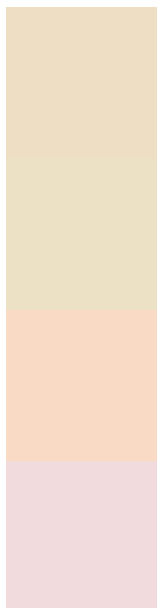
226.1960, 28.7470, 2.1470



Tritanopia

226.8260, 9.7180, 11.1100

Trichromacy



Original Color

224.4070, 17.6070, -5.2170

Protanomaly

224.5100, 15.8190, -5.8530

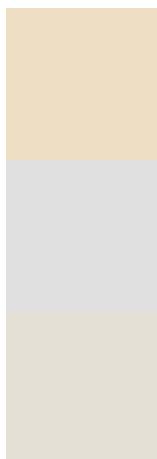
Deuteranomaly

225.4620, 24.9420, -0.4820

Tritanomaly

225.8060, 12.4700, 5.2860

Monochromacy



Original Color

224.4070, 17.6070, -5.2170

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.3550, 6.1900, -2.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.4070, 17.6070, -5.2170 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(238, 223, 196)` looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 196)  
}
```

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(238, 223, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 196) }
```

Border

The CSS property to change the border of an element to YIQ 224.4070, 17.6070, -5.2170 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(238, 223, 196) }
```


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

```
.border{ border-color:rgb(238, 223, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 223, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 223, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 223, 196); box-shadow:4px 4px 4px 4px rgb(238, 223, 196) }
```

Background

The CSS property to change the background color of an element to YIQ 224.4070, 17.6070, -5.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 196) }
```

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

```
.background{ background-color: rgb(238,  
223, 196) }
```

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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