

Converting Colors

YIQ(230.2970, 20.1320,
-23.4520)

Have a look what the booklet for
YIQ(230.2970, 20.1320, -23.4520)
contains.

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Color

**YIQ(230.2970, 20.1320,
-23.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF0A8
RGB	235, 240, 168
RGB Percent	92%, 94%, 66%
CMY	0.0785, 0.0588, 0.3410
CMYK	0.02, 0.00, 0.30, 0.06
HSL	64°, 71%, 80%
HSV	64°, 30%, 94%
XYZ	72.4879, 82.8094, 49.2260
YIQ	230.2970, 20.1320, -23.4520

Conversions

Conversions Part 2

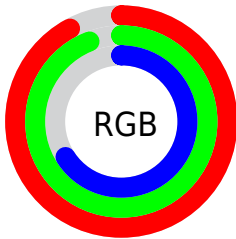
Format	Color
R _Y B	168, 240, 173
Decimal	15462568
CIE Lab	92.93, -12.71, 34.31
CIE LCh	93, 36.590, 110.325
Yxy	82.8094, 0.3544, 0.4049
Android (android.graphics.Color)	4293652648 (0xFFEBF0A8)
YUV	230.2970, -30.7124, 4.1245
Hunter-Lab	90.9997, -17.0611, 31.6271

Details

The YIQ color $230.2970, 20.1320, -23.4520$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $177.7030, -20.1320, 23.4520$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.4660, 9.9510, -9.6410$, and $174.3400, 18.5730, -22.7310$ is the 20% darker color. If you saturate the color by 10%, you get $226.9630, 26.6440, -31.3400$, and if you desaturate by 10%, it is $233.6310, 13.6200, -15.5640$.

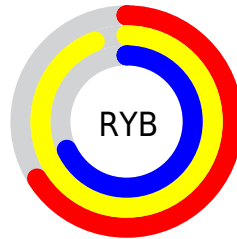
Distribution



Red (92%)

Green (94%)

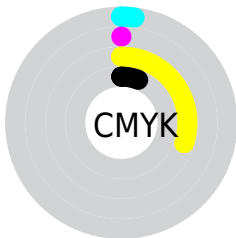
Blue (66%)



Red (66%)

Yellow (94%)

Blue (68%)

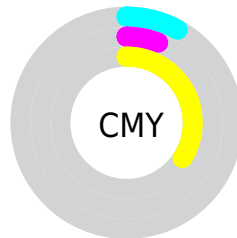


Cyan (2%)

Magenta (0%)

Yellow (30%)

Black (6%)



Cyan (8%)

Magenta (6%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.2970, 20.1320, -23.4520 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 230.2970, 20.1320, -23.4520 by changing the saturation by 10% instead.

230.2970, 20.1320,
-23.4520

230.2970, 20.1320,
-23.4520

255.0000, -0.0000,
-0.0000

202.1120, 19.2150,
-23.3530

251.4660, 9.9510,
-9.6410

174.3400, 18.5730,
-22.7310

254.7720, 0.6420,
-0.6220

147.5680, 17.9310,
-22.1090

121.4970, 16.6930,
-21.6990

96.6110, 16.3720,
-21.3880

72.3120, 15.7760,
-21.6000

49.5830, 13.5750,

-20.2570

■ 29.7920, 5.9170,
-13.6270

■ 10.5660, -4.9500,
-9.4140

■ 230.2970, 20.1320,
-23.4520

■ 230.2970, 20.1320,
-23.4520

■ 226.9630, 26.6440,
-31.3400

■ 233.6310, 13.6200,
-15.5640

■ 223.9280, 33.7520,
-39.0160

■ 236.6660, 6.5120,
-7.8880

■ 220.5940, 40.2640,
-46.9040

■ 240.0000, -0.0000,
-0.0000

■ 217.2600, 46.7760,
-54.7920

■ 242.3080, -3.6230,
5.0890

■ 214.2250, 53.8840,
-62.4680

■ 242.6070, -3.0270,
5.3010

■ 210.8910, 60.3960,
-70.3560

■ 243.2050, -1.8350,
5.7250

■ 207.5570, 66.9080,
-78.2440

■ 243.8030, -0.6430,
6.1490

■ 244.1020, -0.0470,
6.3610

■ 244.7000, 1.1450,
6.7850

Harmonies

Analogous

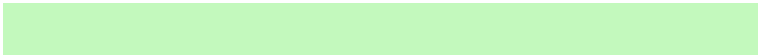
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.5920, 35.7190, -14.0810



230.2970, 20.1320, -23.4520



226.0140, -12.9240, -30.1080

Triad

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



230.2970, 20.1320, -23.4520



215.2880, -71.9330, -23.4610



227.7870, 14.6220, 21.3580

Complementary

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



230.2970, 20.1320, -23.4520



177.7030, -20.1320, 23.4520

Split Complementary

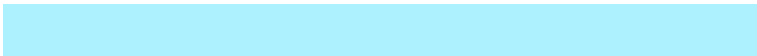
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.2810, 10.1750, 19.3510



230.2970, 20.1320, -23.4520



222.2640, -45.0220, -10.0620

Square

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



230.2970, 20.1320, -23.4520



216.1410, -76.0130, -26.6130



231.0560, -11.6010, 6.5030



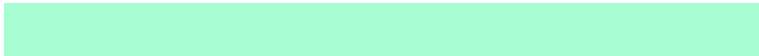
223.6830, 26.1780, 10.1620

Rectangle

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



230.2970, 20.1320, -23.4520



222.0960, -36.5820, -30.8700



231.0560, -11.6010, 6.5030



229.7590, 11.8250, 22.4890

Sweetspot

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



230.2970, 20.1320, -23.4520



251.7800, 6.1910, -7.5770



192.4630, 41.5370, 12.6490



125.9910, 4.2190, -4.8770



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

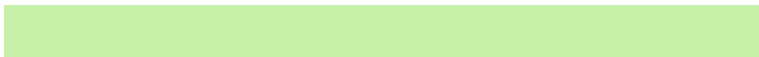
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.2970, 20.1320, -23.4520



242.7180, 25.9560, -29.8840



219.5330, -1.3240, -31.0840



118.3330, 3.2560, -3.9440



159.1370, 51.3160, -59.9800



48.4200, 15.5920, -18.2640

Inverse Universe

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



177.7030, -20.1320, 23.4520



175.5810, -25.3600, 30.0960



188.4670, 1.3240, 31.0840



109.6670, -3.2560, 3.9440



24.8630, -51.3160, 59.9800



7.5800, -15.5920, 18.2640

Previews

White Background



This preview shows how the YIQ color 230.2970, 20.1320, -23.4520 looks on a white background.

Color Contrast Check

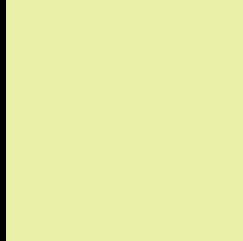
Large Text (above 18pt) WCAG AA × Fail

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 230.2970, 20.1320, -23.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

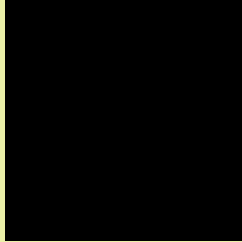
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

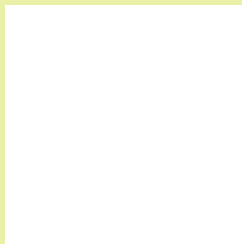
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.2970, 20.1320, -23.4520

Background



This preview shows how black text looks on a background with the YIQ color 230.2970, 20.1320, -23.4520.



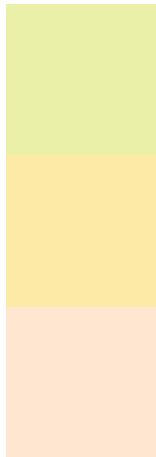
This preview shows how white text looks on a background with the YIQ color 230.2970, 20.1320, -23.4520.

-23.4520.

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

230.2970, 20.1320, -23.4520

Protanopia

231.9290, 33.1520, -17.1200

Deuteranopia

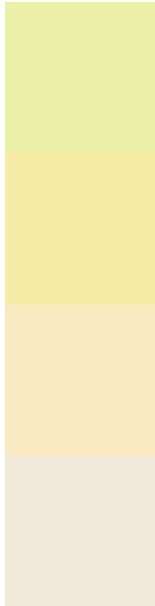
235.0810, 21.6410, -1.2310



Tritanopia

236.5370, 3.1620, 8.7780

Trichromacy



Original Color

230.2970, 20.1320, -23.4520

Protanomaly

231.1240, 28.1090, -19.3390

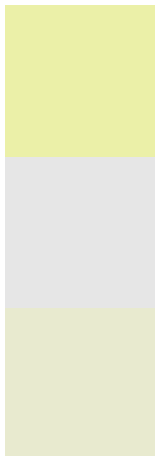
Deuteranomaly

233.6260, 21.1840, -9.4720

Tritanomaly

234.3830, 8.9870, -3.1810

Monochromacy



Original Color

230.2970, 20.1320, -23.4520

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.3240, 7.4750, -8.8210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.2970, 20.1320, -23.4520 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(235, 240, 168)` looks like.

```
.text, #text, p{  
    color:rgb(235, 240, 168)  
}
```

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(235, 240, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 240, 168) }
```

Border

The CSS property to change the border of an element to YIQ 230.2970, 20.1320, -23.4520 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(235, 240, 168) }
```


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

```
.border{ border-color:rgb(235, 240, 168) }
```

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

Here you see how a box with a 4 pixel rgb(235, 240, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 240, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 240, 168);  
box-shadow:4px 4px 4px 4px rgb(235, 240,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 230.2970, 20.1320, -23.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 240, 168) }
```

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

```
.background{ background-color: rgb(235,  
240, 168) }
```

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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