

Converting Colors

YIQ(240.9720, 5.2300, -17.6980)

Have a look what the booklet for
YIQ(240.9720, 5.2300, -17.6980)
contains.

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Color

**YIQ(240.9720, 5.2300,
-17.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFBCD
RGB	235, 251, 205
RGB Percent	92%, 98%, 80%
CMY	0.0785, 0.0156, 0.1960
CMYK	0.06, 0.00, 0.18, 0.02
HSL	81°, 85%, 89%
HSV	81°, 18%, 98%
XYZ	79.7758, 91.0662, 71.1396
YIQ	240.9720, 5.2300, -17.6980

Conversions

Conversions Part 2

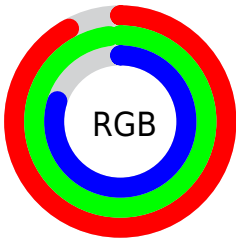
Format	Color
R_{YB}	205, 251, 221
Decimal	15465421
CIE _{Lab}	96.44, -13.00, 20.31
CIE _{LCh}	96, 24.116, 122.620
Y _{xy}	91.0662, 0.3297, 0.3763
Android (android.graphics.Color)	4293655501 (0xFFEBFBCD)
YUV	240.9720, -17.7342, -5.2374
Hunter-Lab	95.4286, -17.7789, 22.6009

Details

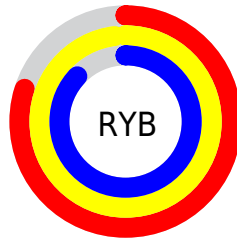
The YIQ color $240.9720, 5.2300, -17.6980$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $215.0280, -5.2300, 17.6980$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.6130, 4.8630, -16.5530$ is the 20% darker color. If you saturate the color by 10%, you get $235.4310, 7.8910, -27.3810$, and if you desaturate by 10%, it is $246.5130, 2.5690, -8.0150$.

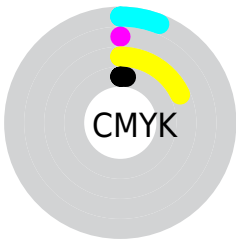
Distribution



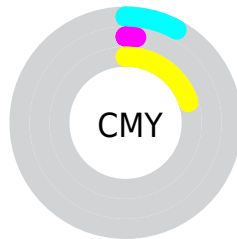
- Red (92%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.9720, 5.2300, -17.6980 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 240.9720, 5.2300, -17.6980 by changing the saturation by 10% instead.

240.9720, 5.2300,
-17.6980

240.9720, 5.2300,
-17.6980

255.0000, -0.0000,
-0.0000

212.3850, 5.5050,
-17.1750

184.6130, 4.8630,
-16.5530

157.7270, 4.5420,
-16.2420

131.8410, 4.2210,
-15.9310

106.2540, 4.4960,
-15.4080

82.0690, 3.5790,
-15.3090

58.5960, 3.5330,

-14.4750

■ 36.5960, 3.5330,
-14.4750

■ 15.2730, -5.6830,
-12.6510

■ 240.9720, 5.2300,
-17.6980

■ 240.9720, 5.2300,
-17.6980

■ 235.4310, 7.8910,
-27.3810

■ 246.5130, 2.5690,
-8.0150

■ 229.8900, 10.5520,
-37.0640

■ 251.7550, -0.6880,
1.4560

■ 224.6480, 13.8090,
-46.5350

■ 252.6520, 1.1000,
2.0920

■ 219.1070, 16.4700,
-56.2180

■ 213.5660, 19.1310,
-65.9010

■ 208.2100, 22.7090,
-75.6830

■ 202.6690, 25.3700,
-85.3660

■ 197.1280, 28.0310,
-95.0490

■ 196.3730, 28.7190,
-96.5050

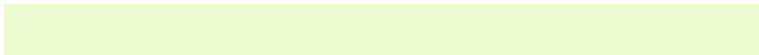
Harmonies

Analogous

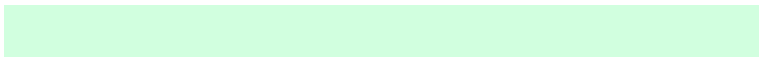
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.0450, 21.3220, -11.9740



240.9720, 5.2300, -17.6980



237.5980, -17.1440, -19.7040

Triad

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



240.9720, 5.2300, -17.6980



235.5870, -35.8060, -11.8860



237.7830, 11.2770, 10.3890

Complementary

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



240.9720, 5.2300, -17.6980



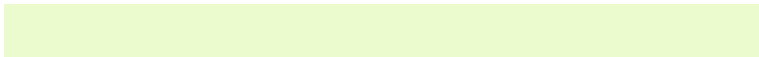
215.0280, -5.2300, 17.6980

Split Complementary

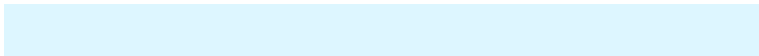
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.9120, 6.6000, 12.5520



240.9720, 5.2300, -17.6980



239.5510, -17.7890, -2.5010

Square

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



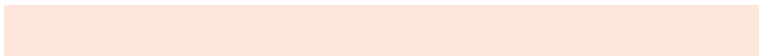
240.9720, 5.2300, -17.6980



233.1730, -43.5080, -15.4760



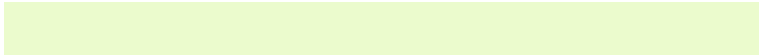
244.1240, 2.8870, 8.2550



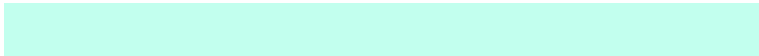
236.4490, 17.7890, 2.5010

Rectangle

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



240.9720, 5.2300, -17.6980



234.8230, -30.8990, -18.2190



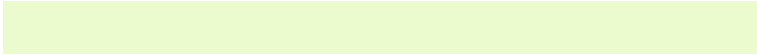
244.1240, 2.8870, 8.2550



239.2820, 8.4340, 12.3540

Sweetspot

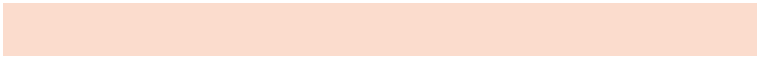
The Sweet Spot groups the original color and five complimentary colors.



240.9720, 5.2300, -17.6980



252.3220, 1.7890, -4.8910



227.5590, 23.2910, 1.9070



126.1910, 0.7800, -3.1240



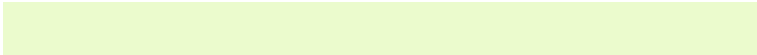
0.0000, 0.0000, 0.0000



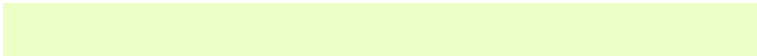
128.0000, -0.0000, -0.0000

Same Dimension

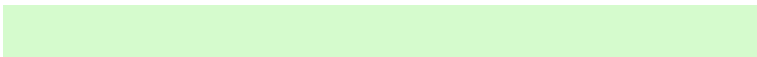
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.9720, 5.2300, -17.6980



242.6360, 6.0560, -21.6560



234.3940, -7.8820, -22.3620



122.3220, 1.7890, -4.8910



147.7200, 21.3330, -72.7710



47.7670, 7.0650, -23.4230

Inverse Universe

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



215.0280, -5.2300, 17.6980



211.0650, -6.6520, 21.4440



221.6060, 7.8820, 22.3620



114.9770, -1.1930, 5.1030



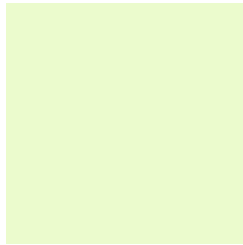
41.2800, -21.3330, 72.7710



13.2330, -7.0650, 23.4230

Previews

White Background



This preview shows how the YIQ color 240.9720, 5.2300, -17.6980 looks on a white background.

Color Contrast Check

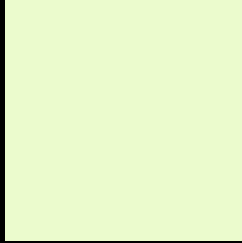
Large Text (above 18pt) WCAG AA × Fail

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 240.9720, 5.2300, -17.6980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

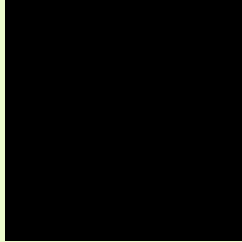
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

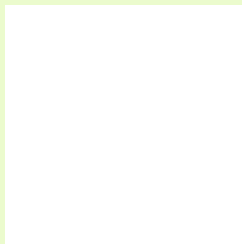
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.9720, 5.2300, -17.6980

Background



This preview shows how black text looks on a background with the YIQ color 240.9720, 5.2300, -17.6980.



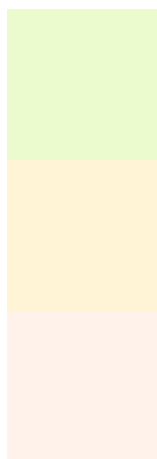
This preview shows how white text looks on a background with the YIQ color 240.9720, 5.2300, -17.6980.

-17.6980.

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

240.9720, 5.2300, -17.6980

Protanopia

243.8690, 16.1860, -6.9980

Deuteranopia

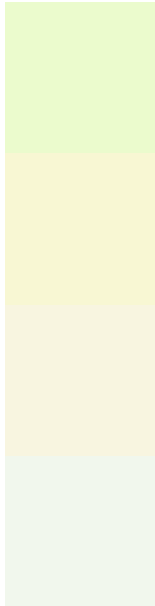
245.0890, 9.9950, 0.5790



Tritanopia

245.2540, -3.5310, 3.4210

Trichromacy



Original Color

240.9720, 5.2300, -17.6980

Protanomaly

243.1950, 12.1520, -10.9840

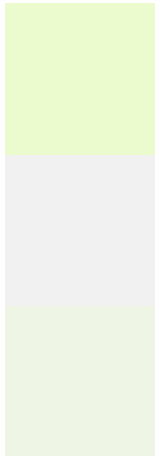
Deuteranomaly

243.5030, 8.5290, -5.8950

Tritanomaly

244.0660, -0.3660, -4.3820

Monochromacy



Original Color

240.9720, 5.2300, -17.6980

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.2680, 1.8810, -6.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.9720, 5.2300, -17.6980 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, 251, 205)` looks like.

```
.text, #text, p{  
    color:rgb(235, 251, 205)  
}
```

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, 251, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 251, 205) }
```

Border

The CSS property to change the border of an element to YIQ 240.9720, 5.2300, -17.6980 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, 251, 205) }
```


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

```
.border{ border-color:rgb(235, 251, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 251, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 251, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 251, 205);  
box-shadow:4px 4px 4px 4px rgb(235, 251,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 240.9720, 5.2300, -17.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 251, 205) }
```

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

```
.background{ background-color: rgb(235,  
251, 205) }
```

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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