

Converting Colors

YIQ(240.0420, 8.2090, -11.1110)

Have a look what the booklet for
YIQ(240.0420, 8.2090, -11.1110)
contains.

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Color

**YIQ(240.0420, 8.2090,
-11.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F5D4
RGB	241, 245, 212
RGB Percent	95%, 96%, 83%
CMY	0.0549, 0.0392, 0.1686
CMYK	0.02, 0.00, 0.13, 0.04
HSL	67°, 62%, 90%
HSV	67°, 13%, 96%
XYZ	80.8114, 88.7594, 75.1702
YIQ	240.0420, 8.2090, -11.1110

Conversions

Conversions Part 2

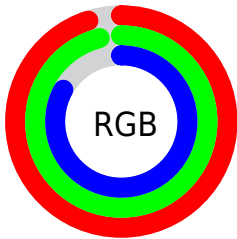
Format	Color
R _Y B	212, 245, 216
Decimal	15857108
CIE Lab	95.48, -6.84, 15.44
CIE LCh	95, 16.890, 113.890
Yxy	88.7594, 0.3302, 0.3627
Android (android.graphics.Color)	4294047188 (0xFFFF1F5D4)
YUV	240.0420, -13.8247, 0.8402
Hunter-Lab	94.2122, -11.7613, 18.6421

Details

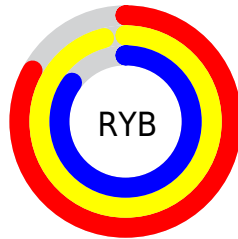
The YIQ color $240.0420, 8.2090, -11.1110$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $216.9580, -8.2090, 11.1110$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.1560, 7.8880, -10.8000$ is the 20% darker color. If you saturate the color by 10%, you get $236.4090, 14.1250, -19.2110$, and if you desaturate by 10%, it is $243.7890, 1.9720, -2.7000$.

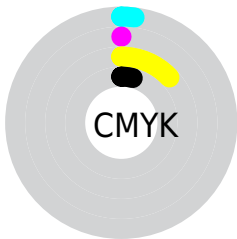
Distribution



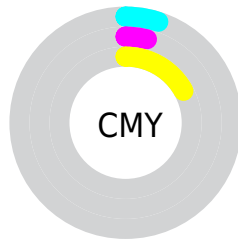
- Red (95%)
- Green (96%)
- Blue (83%)



- Red (83%)
- Yellow (96%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.0420, 8.2090, -11.1110 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 240.0420, 8.2090, -11.1110 by changing the saturation by 10% instead.

■ 240.0420, 8.2090,
-11.1110

■ 240.0420, 8.2090,
-11.1110

255.0000, -0.0000,
-0.0000

■ 212.0420, 8.2090,
-11.1110

■ 184.1560, 7.8880,
-10.8000

■ 157.2700, 7.5670,
-10.4890

■ 131.3840, 7.2460,
-10.1780

■ 105.6120, 6.6040,
-9.5560

■ 81.7260, 6.2830,
-9.2450

■ 58.8400, 5.9620,

-8.9340

■ 36.6550, 5.0450,
-8.8350

■ 16.2140, 1.9730,
-8.2270

■ 240.0420, 8.2090,
-11.1110

■ 240.0420, 8.2090,
-11.1110

■ 236.4090, 14.1250,
-19.2110

■ 243.7890, 1.9720,
-2.7000

■ 232.6620, 20.3620,
-27.6220

■ 246.7380, -2.0180,
3.5340

■ 229.0290, 26.2780,
-35.7220

■ 247.6350, -0.2300,
4.1700

■ 225.2820, 32.5150,
-44.1330

■ 248.5320, 1.5580,
4.8060

■ 221.6490, 38.4310,
-52.2330

■ 249.1300, 2.7500,
5.2300

■ 217.9020, 44.6680,
-60.6440

■ 214.2690, 50.5840,
-68.7440

■ 210.5220, 56.8210,
-77.1550

■ 208.1000, 60.7650,
-82.5550

Harmonies

Analogous

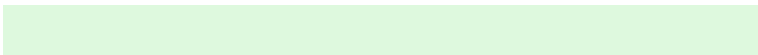
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.0650, 18.5700, -6.1500



240.0420, 8.2090, -11.1110



237.8490, -7.4250, -14.1210

Triad

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



240.0420, 8.2090, -11.1110



236.5280, -28.1500, -7.4620



239.8860, 9.4890, 9.7530

Complementary

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



240.0420, 8.2090, -11.1110



216.9580, -8.2090, 11.1110

Split Complementary

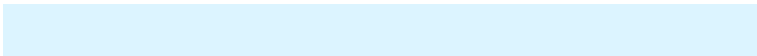
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6730, 5.7750, 10.9830



240.0420, 8.2090, -11.1110



238.0780, -17.8350, -1.6670

Square

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



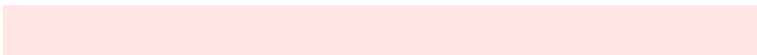
240.0420, 8.2090, -11.1110



236.2070, -31.6800, -9.5680



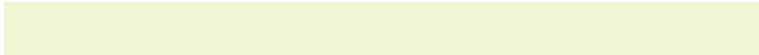
241.4220, -3.9440, 5.4000



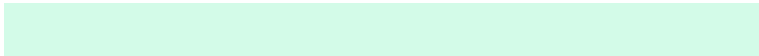
237.9480, 14.9460, 4.4660

Rectangle

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



240.0420, 8.2090, -11.1110



236.8740, -17.7410, -14.3890



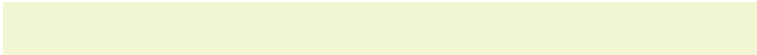
241.4220, -3.9440, 5.4000



241.0430, 7.6090, 10.7850

Sweetspot

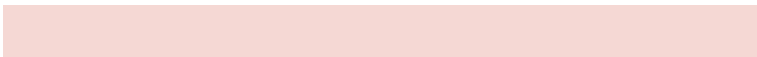
The Sweet Spot groups the original color and five complimentary colors.



240.0420, 8.2090, -11.1110



253.5610, 2.6140, -3.3220



224.2150, 18.5680, 4.9040



126.9030, 1.6510, -2.3890



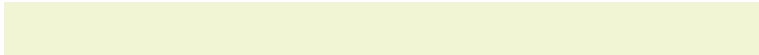
0.0000, 0.0000, 0.0000



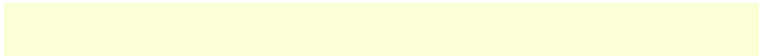
128.0000, -0.0000, -0.0000

Same Dimension

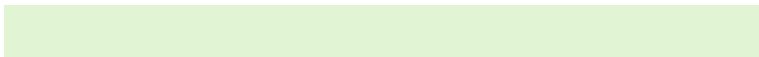
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.0420, 8.2090, -11.1110



248.8310, 10.1810, -13.8110



235.2580, -1.3270, -14.5030



120.3330, 3.2560, -3.9440



157.9190, 45.9980, -62.7220



50.1810, 14.7670, -19.8330

Inverse Universe

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



216.9580, -8.2090, 11.1110



220.1690, -10.1810, 13.8110



221.7420, 1.3270, 14.5030



111.9660, -2.6600, 4.1560



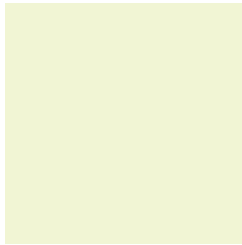
28.0810, -45.9980, 62.7220



8.8190, -14.7670, 19.8330

Previews

White Background



This preview shows how the YIQ color 240.0420, 8.2090, -11.1110 looks on a white background.

Color Contrast Check

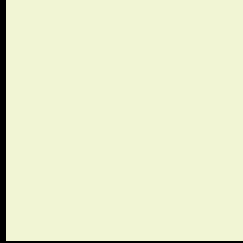
Large Text (above 18pt) WCAG AA × Fail

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 240.0420, 8.2090, -11.1110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

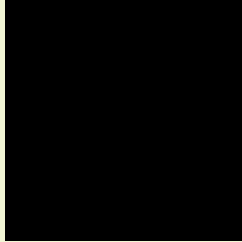
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

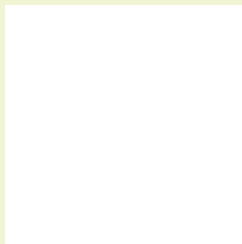
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.0420, 8.2090, -11.1110

Background



This preview shows how black text looks on a background with the YIQ color 240.0420, 8.2090, -11.1110.



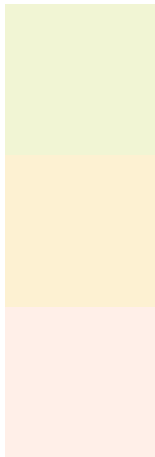
This preview shows how white text looks on a background with the YIQ color 240.0420, 8.2090,

-11.1110.

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

240.0420, 8.2090, -11.1110

Protanopia

241.0540, 17.1030, -7.0970

Deuteranopia

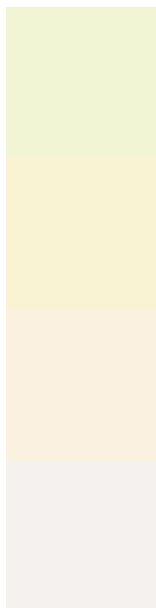
242.9860, 11.7830, 1.2150



Tritanopia

243.2160, -0.3680, 6.6720

Trichromacy



Original Color

240.0420, 8.2090, -11.1110

Protanomaly

240.5590, 14.1230, -8.1570

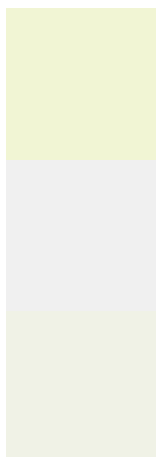
Deuteranomaly

241.8670, 10.5000, -3.0680

Tritanomaly

241.9680, 3.0260, 0.2260

Monochromacy



Original Color

240.0420, 8.2090, -11.1110

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.0340, 2.6600, -4.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.0420, 8.2090, -11.1110 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(241, 245, 212)` looks like.

```
.text, #text, p{  
    color:rgb(241, 245, 212)  
}
```

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(241, 245, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 245, 212) }
```

Border

The CSS property to change the border of an element to YIQ 240.0420, 8.2090, -11.1110 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(241, 245, 212) }
```


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

```
.border{ border-color:rgb(241, 245, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 245, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 245, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 245, 212);  
box-shadow:4px 4px 4px 4px rgb(241, 245,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 240.0420, 8.2090, -11.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 245, 212) }
```

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

```
.background{ background-color: rgb(241,  
245, 212) }
```

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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