

Converting Colors

YIQ(240.5130, 2.5690, -8.0150)

Have a look what the booklet for
YIQ(240.5130, 2.5690, -8.0150)
contains.

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Color

**YIQ(240.5130, 2.5690,
-8.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF5E0
RGB	238, 245, 224
RGB Percent	93%, 96%, 88%
CMY	0.0667, 0.0392, 0.1215
CMYK	0.03, 0.00, 0.09, 0.04
HSL	80°, 51%, 92%
HSV	80°, 9%, 96%
XYZ	81.3661, 88.8646, 83.3899
YIQ	240.5130, 2.5690, -8.0150

Conversions

Conversions Part 2

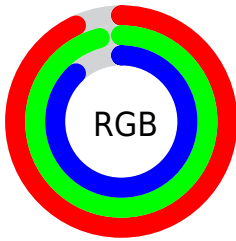
Format	Color
R_{YB}	224, 245, 231
Decimal	15660512
CIE _{Lab}	95.52, -5.95, 9.30
CIE _{LCh}	96, 11.038, 122.611
Yxy	88.8646, 0.3208, 0.3504
Android (android.graphics.Color)	4293850592 (0xFFEEF5E0)
YUV	240.5130, -8.1409, -2.2039
Hunter-Lab	94.2680, -10.8993, 13.5394

Details

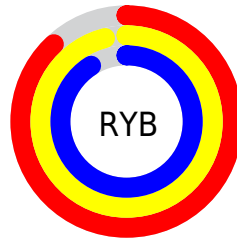
The YIQ color $240.5130, 2.5690, -8.0150$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $228.4870, -2.5690, 8.0150$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.6270, 2.2480, -7.7040$ is the 20% darker color. If you saturate the color by 10%, you get $235.3850, 5.5050, -17.1750$, and if you desaturate by 10%, it is $245.7550, -0.6880, 1.4560$.

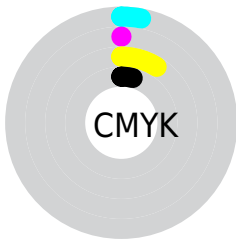
Distribution



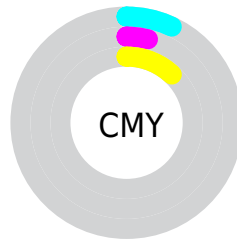
- Red (93%)
- Green (96%)
- Blue (88%)



- Red (88%)
- Yellow (96%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.5130, 2.5690, -8.0150 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 240.5130, 2.5690, -8.0150 by changing the saturation by 10% instead.

■ 240.5130, 2.5690,
-8.0150

■ 240.5130, 2.5690,
-8.0150

255.0000, -0.0000,
-0.0000

■ 212.5130, 2.5690,
-8.0150

■ 184.6270, 2.2480,
-7.7040

■ 157.6270, 2.2480,
-7.7040

■ 131.7410, 1.9270,
-7.3930

■ 106.1540, 2.2020,
-6.8700

■ 82.2680, 1.8810,
-6.5590

■ 59.2680, 1.8810,

-6.5590

■ 37.3820, 1.5600,
-6.2480

■ 16.8120, 3.1650,
-7.8030

■ 240.5130, 2.5690,
-8.0150

■ 240.5130, 2.5690,
-8.0150

■ 235.3850, 5.5050,
-17.1750

■ 245.7550, -0.6880,
1.4560

■ 230.1430, 8.7620,
-26.6460

■ 248.8310, 2.1540,
5.0180

■ 224.7160, 11.1020,
-36.0180

■ 249.1300, 2.7500,
5.2300

■ 219.4740, 14.3590,
-45.4890

■ 214.3460, 17.2950,
-54.6490

■ 209.1040, 20.5520,
-64.1200

■ 203.9760, 23.4880,
-73.2800

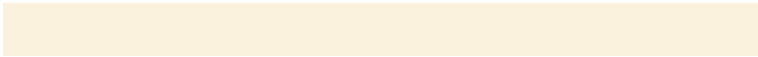
■ 198.7340, 26.7450,
-82.7510

■ 193.3070, 29.0850,
-92.1230

Harmonies

Analogous

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



241.9980, 11.5090, -4.8350



240.5130, 2.5690, -8.0150



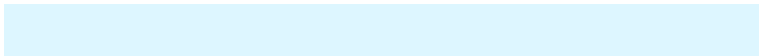
239.5980, -7.9760, -9.6400

Triad

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



240.5130, 2.5690, -8.0150



239.5510, -17.7890, -2.5010



241.7780, 9.6730, 6.4170

Complementary

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



240.5130, 2.5690, -8.0150



228.4870, -2.5690, 8.0150

Split Complementary

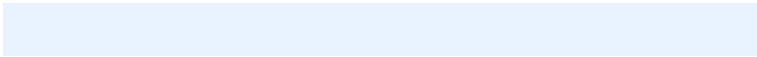
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.5050, 6.1880, 9.0040



240.5130, 2.5690, -8.0150



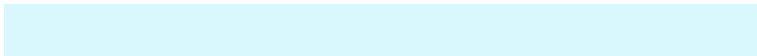
241.0790, -10.4080, 1.4000

Square

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



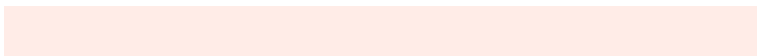
240.5130, 2.5690, -8.0150



239.0020, -20.6770, -5.2290



242.9170, -0.9640, 6.4600



241.1110, 12.9290, 2.4730

Rectangle

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



240.5130, 2.5690, -8.0150



238.6020, -13.7990, -8.7350



242.9170, -0.9640, 6.4600



242.1200, 8.7100, 7.3500

Sweetspot

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



240.5130, 2.5690, -8.0150



253.1910, 0.7800, -3.1240



234.3880, 10.5910, 0.7910



126.7180, 0.7340, -2.2900



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.



240.5130, 2.5690, -8.0150



249.4590, 2.6610, -9.6830



237.5230, -3.3910, -10.1350



119.4360, 1.4680, -4.5800



146.2580, 22.7540, -70.9900



46.2940, 7.0190, -22.5890

Inverse Universe

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



228.4870, -2.5690, 8.0150



235.2420, -3.2570, 9.4710



231.7760, 3.9870, 10.3470



112.5640, -1.4680, 4.5800



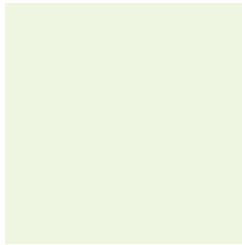
39.7420, -22.7540, 70.9900



12.7060, -7.0190, 22.5890

Previews

White Background



This preview shows how the YIQ color 240.5130, 2.5690, -8.0150 looks on a white background.

Color Contrast Check

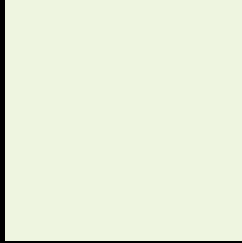
Large Text (above 18pt) WCAG AA × Fail

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 240.5130, 2.5690, -8.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

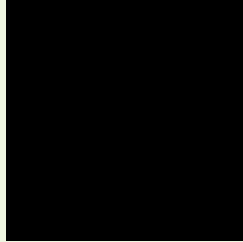
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

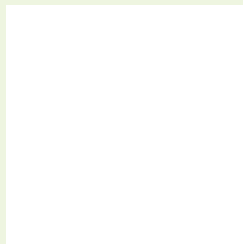
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.5130, 2.5690, -8.0150

Background



This preview shows how black text looks on a background with the YIQ color 240.5130, 2.5690, -8.0150.



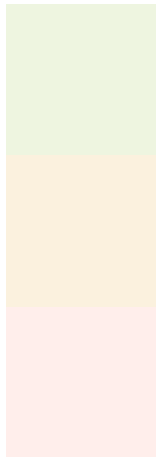
This preview shows how white text looks on a background with the YIQ color 240.5130, 2.5690, -8.0150.

-8.0150.

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

240.5130, 2.5690, -8.0150

Protanopia

241.8240, 12.0590, -3.7890

Deuteranopia

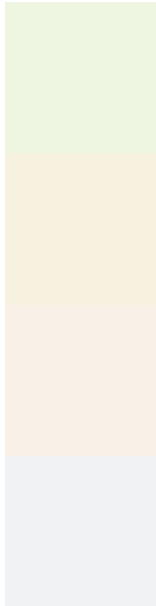
242.7410, 11.0950, 2.6710



Tritanopia

242.6070, -3.0270, 5.3010

Trichromacy



Original Color

240.5130, 2.5690, -8.0150

Protanomaly

241.0300, 8.4830, -5.0610

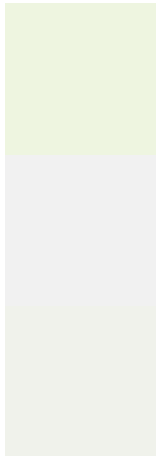
Deuteranomaly

242.2520, 7.9780, -1.4140

Tritanomaly

241.9290, -1.2380, 0.4100

Monochromacy



Original Color

240.5130, 2.5690, -8.0150

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

240.6040, 1.0550, -2.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.5130, 2.5690, -8.0150 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, 245, 224)` looks like.

```
.text, #text, p{  
    color:rgb(238, 245, 224)  
}
```

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, 245, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 245, 224) }
```

Border

The CSS property to change the border of an element to YIQ 240.5130, 2.5690, -8.0150 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, 245, 224) }
```


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

```
.border{ border-color:rgb(238, 245, 224) }
```

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

Here you see how a box with a 4 pixel rgb(238, 245, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 245, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 245, 224);  
box-shadow:4px 4px 4px 4px rgb(238, 245,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 240.5130, 2.5690, -8.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 245, 224) }
```

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

```
.background{ background-color: rgb(238,  
245, 224) }
```

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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