

Converting Colors

YIQ(242.6080, 3.2590, -20.5250)

Have a look what the booklet for
YIQ(242.6080, 3.2590, -20.5250)
contains.

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Color

**YIQ(242.6080, 3.2590,
-20.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FFCC
RGB	233, 255, 204
RGB Percent	91%, 100%, 80%
CMY	0.0864, 0.0000, 0.1999
CMYK	0.09, 0.00, 0.20, 0.00
HSL	86°, 100%, 90%
HSV	86°, 20%, 100%
XYZ	80.2580, 93.2003, 70.8946
YIQ	242.6080, 3.2590, -20.5250

Conversions

Conversions Part 2

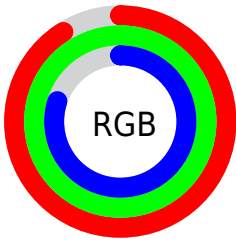
Format	Color
R _Y B	204, 255, 226
Decimal	15335372
CIE Lab	97.31, -15.81, 22.01
CIE LCh	97, 27.102, 125.682
Yxy	93.2003, 0.3285, 0.3814
Android (android.graphics.Color)	4293525452 (0xFFE9FFCC)
YUV	242.6080, -19.0337, -8.4262
Hunter-Lab	96.5403, -20.5511, 24.0385

Details

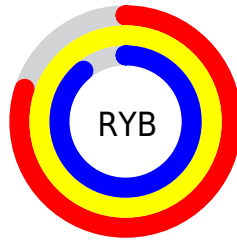
The YIQ color $242.6080, 3.2590, -20.5250$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $216.3920, -3.2590, 20.5250$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.2490, 2.8920, -19.3800$ is the 20% darker color. If you saturate the color by 10%, you get $236.4690, 4.7280, -30.6320$, and if you desaturate by 10%, it is $248.8610, 1.4690, -10.1070$.

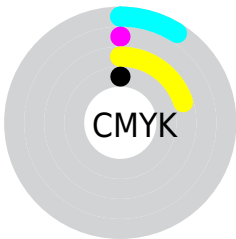
Distribution



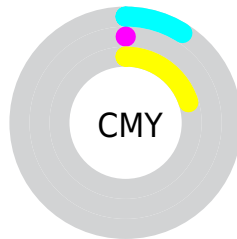
- Red (91%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.6080, 3.2590, -20.5250 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 242.6080, 3.2590, -20.5250 by changing the saturation by 10% instead.

■ 242.6080, 3.2590,
-20.5250

■ 242.6080, 3.2590,
-20.5250

255.0000, -0.0000,
-0.0000

■ 214.0210, 3.5340,
-20.0020

■ 186.2490, 2.8920,
-19.3800

■ 159.3630, 2.5710,
-19.0690

■ 132.8900, 2.5250,
-18.2350

■ 107.8900, 2.5250,
-18.2350

■ 83.1180, 1.8830,
-17.6130

■ 59.6450, 1.8370,

-16.7790

■ 37.5310, 2.1580,
-17.0900

■ 16.4360, -7.7000,
-14.6440

■ 242.6080, 3.2590,
-20.5250

■ 242.6080, 3.2590,
-20.5250

■ 236.4690, 4.7280,
-30.6320

■ 248.8610, 1.4690,
-10.1070

■ 230.2160, 6.5180,
-41.0500

255.0000, -0.0000,
-0.0000

■ 224.0770, 7.9870,
-51.1570

■ 217.8240, 9.7770,
-61.5750

■ 211.6850, 11.2460,
-71.6820

■ 205.4320, 13.0360,
-82.1000

■ 199.2930, 14.5050,
-92.2070

■ 193.0400, 16.2950,
-102.6250

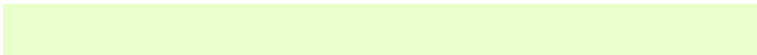
Harmonies

Analogous

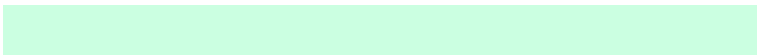
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.4640, 21.4600, -14.4760



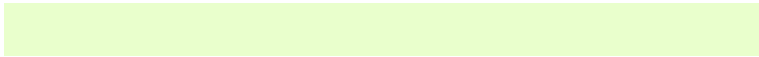
242.6080, 3.2590, -20.5250



236.0320, -21.3620, -20.3540

Triad

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



242.6080, 3.2590, -20.5250



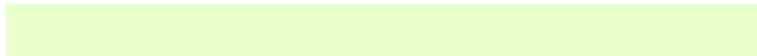
235.8640, -38.1440, -13.5680



238.3700, 11.0020, 9.8660

Complementary

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



242.6080, 3.2590, -20.5250



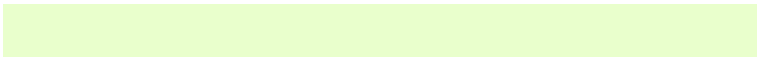
216.3920, -3.2590, 20.5250

Split Complementary

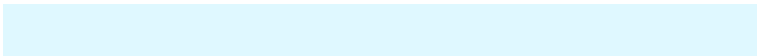
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.9120, 6.6000, 12.5520



242.6080, 3.2590, -20.5250



241.3230, -17.1470, -3.1230

Square

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



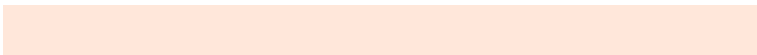
242.6080, 3.2590, -20.5250



231.0800, -47.6800, -16.9600



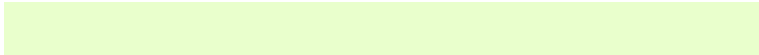
245.6080, 4.4000, 8.3680



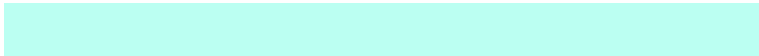
236.6940, 18.4770, 1.0450

Rectangle

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



242.6080, 3.2590, -20.5250



233.1860, -36.3550, -18.4590



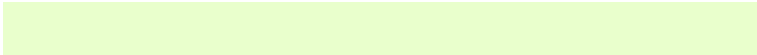
245.6080, 4.4000, 8.3680



239.3960, 8.1130, 12.6650

Sweetspot

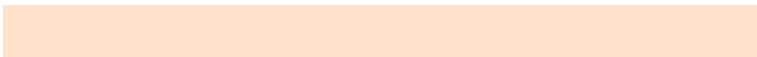
The Sweet Spot groups the original color and five complimentary colors.



242.6080, 3.2590, -20.5250



251.1970, 0.6430, -6.1490



231.5760, 24.6210, -0.1710



125.7780, 0.5050, -3.6470



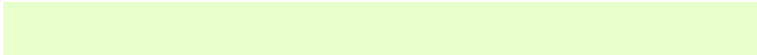
0.0000, 0.0000, 0.0000



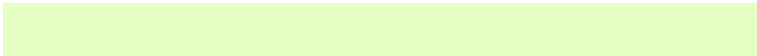
128.0000, -0.0000, -0.0000

Same Dimension

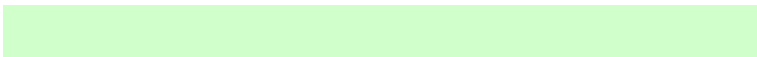
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.6080, 3.2590, -20.5250



240.2720, 4.0850, -24.4830



235.1330, -11.6410, -25.8250



124.7240, 0.5970, -5.3150



144.7080, 12.4390, -76.7850



48.3320, 3.8560, -25.8400

Inverse Universe

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



216.3920, -3.2590, 20.5250



208.7280, -4.0850, 24.4830



223.8670, 11.6410, 25.8250



117.9770, -1.1930, 5.1030



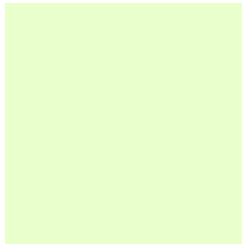
46.5910, -11.8430, 76.9970



15.6680, -3.8560, 25.8400

Previews

White Background



This preview shows how the YIQ color 242.6080, 3.2590, -20.5250 looks on a white background.

Color Contrast Check

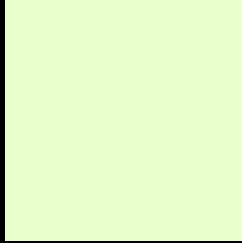
Large Text (above 18pt) WCAG AA × Fail

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 242.6080, 3.2590, -20.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

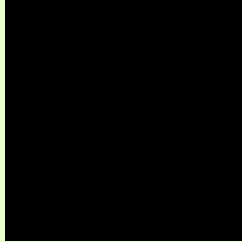
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

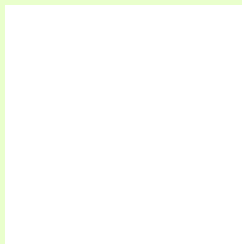
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.6080, 3.2590, -20.5250

Background



This preview shows how black text looks on a background with the YIQ color 242.6080, 3.2590, -20.5250.



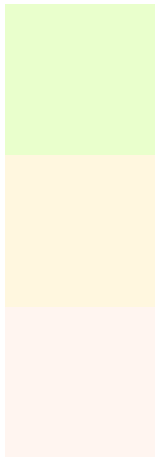
This preview shows how white text looks on a background with the YIQ color 242.6080, 3.2590, -20.5250.

-20.5250.

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

242.6080, 3.2590, -20.5250

Protanopia

246.6560, 12.4720, -5.7680

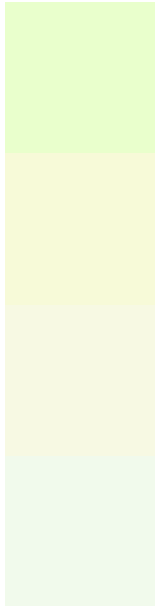
Deuteranopia

247.4200, 7.5650, 0.5650

Tritanopia

247.3140, -3.7600, 2.0640

Trichromacy



Original Color

242.6080, 3.2590, -20.5250

Protanomaly

245.2270, 9.1260, -11.2100

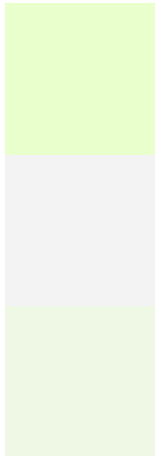
Deuteranomaly

245.8940, 5.8700, -7.2660

Tritanomaly

245.7130, -0.8700, -6.2620

Monochromacy



Original Color

242.6080, 3.2590, -20.5250

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

242.5560, 1.0100, -7.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.6080, 3.2590, -20.5250 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(233, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 204)  
}
```

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(233, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 204) }
```

Border

The CSS property to change the border of an element to YIQ 242.6080, 3.2590, -20.5250 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(233, 255, 204) }
```


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

```
.border{ border-color:rgb(233, 255, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 255, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 242.6080, 3.2590, -20.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 204) }
```

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

```
.background{ background-color: rgb(233,  
255, 204) }
```

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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