

Converting Colors

YIQ(231.6080, 20.4540,
-29.2900)

Have a look what the booklet for
YIQ(231.6080, 20.4540, -29.2900)
contains.

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Color

**YIQ(231.6080, 20.4540,
-29.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F59F
RGB	233, 245, 159
RGB Percent	91%, 96%, 62%
CMY	0.0864, 0.0392, 0.3763
CMYK	0.05, 0.00, 0.35, 0.04
HSL	68°, 81%, 79%
HSV	68°, 35%, 96%
XYZ	72.5126, 85.1324, 45.4284
YIQ	231.6080, 20.4540, -29.2900

Conversions

Conversions Part 2

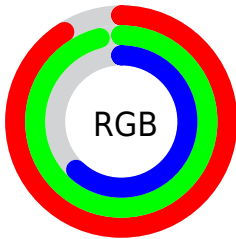
Format	Color
R_{YB}	159, 245, 171
Decimal	15332767
CIE _{Lab}	93.94, -17.01, 40.11
CIE _{LCh}	94, 43.563, 112.980
Yxy	85.1324, 0.3571, 0.4192
Android (android.graphics.Color)	4293522847 (0xFFE9F59F)
YUV	231.6080, -35.7957, 1.2208
Hunter-Lab	92.2672, -21.1848, 35.3952

Details

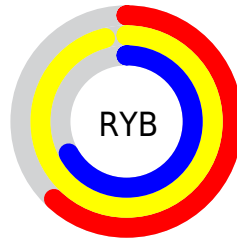
The YIQ color $231.6080, 20.4540, -29.2900$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $172.3920, -20.4540, 29.2900$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, 13.1610, -12.7510$, and $175.6510, 18.8950, -28.5690$ is the 20% darker color. If you saturate the color by 10%, you get $227.9750, 26.3700, -37.3900$, and if you desaturate by 10%, it is $235.3550, 14.2170, -20.8790$.

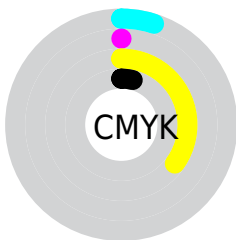
Distribution



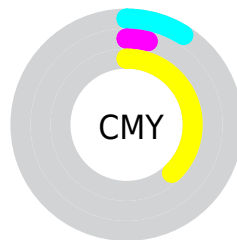
- Red (91%)
- Green (96%)
- Blue (62%)



- Red (62%)
- Yellow (96%)
- Blue (67%)



- Cyan (5%)
- Magenta (0%)
- Yellow (35%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.6080, 20.4540, -29.2900 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 231.6080, 20.4540, -29.2900 by changing the saturation by 10% instead.

231.6080, 20.4540,
-29.2900

231.6080, 20.4540,
-29.2900

255.0000, -0.0000,
-0.0000

203.4230, 19.5370,
-29.1910

250.4400, 12.8400,
-12.4400

175.6510, 18.8950,
-28.5690

253.6320, 3.8520,
-3.7320

148.8790, 18.2530,
-27.9470

122.6940, 17.3360,
-27.8480

96.9220, 16.6940,
-27.2260

72.0530, 17.7030,
-28.9930

51.0340, 10.6870,

-22.9850

■ 30.6450, 1.8370,
-16.7790

■ 12.9140, -6.0500,
-11.5060

■ 231.6080, 20.4540,
-29.2900

■ 231.6080, 20.4540,
-29.2900

■ 227.9750, 26.3700,
-37.3900

■ 235.3550, 14.2170,
-20.8790

■ 223.9290, 32.0110,
-46.0130

■ 239.2870, 8.8970,
-12.5670

■ 220.2960, 37.9270,
-54.1130

■ 243.0340, 2.6600,
-4.1560

■ 216.2500, 43.5680,
-62.7360

■ 246.7380, -2.0180,
3.5340

■ 212.6170, 49.4840,
-70.8360

■ 247.6350, -0.2300,
4.1700

■ 208.5710, 55.1250,
-79.4590

■ 248.8310, 2.1540,
5.0180

■ 206.9040, 58.3810,
-83.4030

■ 249.1300, 2.7500,
5.2300

Harmonies

Analogous

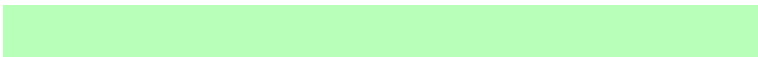
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.9850, 38.7460, -19.3820



231.6080, 20.4540, -29.2900



225.9050, -20.1670, -36.5110

Triad

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



231.6080, 20.4540, -29.2900



209.5520, -90.5920, -32.2240



225.5530, 15.4010, 23.7610

Complementary

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



231.6080, 20.4540, -29.2900



172.3920, -20.4540, 29.2900

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.



232.1070, 10.7250, 20.3970



231.6080, 20.4540, -29.2900



221.9210, -51.4860, -14.0620

Square

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



231.6080, 20.4540, -29.2900



205.9640, -97.7440, -34.7680



232.5510, -8.6210, 7.5630



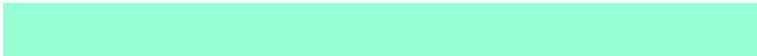
221.3520, 28.6080, 10.1760

Rectangle

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



231.6080, 20.4540, -29.2900



218.7030, -48.7770, -35.6330



232.5510, -8.6210, 7.5630



227.9980, 12.6500, 24.0580

Sweetspot

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



231.6080, 20.4540, -29.2900



250.6120, 6.6040, -9.5560



191.7580, 47.9560, 11.9560



125.1650, 3.6690, -5.9230



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

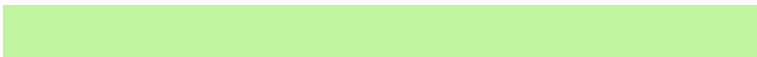
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.6080, 20.4540, -29.2900



238.3170, 25.4070, -36.4570



219.0500, -4.5780, -38.1940



120.3330, 3.2560, -3.9440



157.0220, 44.2100, -63.3580



49.5830, 13.5750, -20.2570

Inverse Universe

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



172.3920, -20.4540, 29.2900



164.6830, -25.4070, 36.4570



184.9500, 4.5780, 38.1940



111.9660, -2.6600, 4.1560



28.9780, -44.2100, 63.3580



9.1180, -14.1710, 20.0450

Previews

White Background



This preview shows how the YIQ color 231.6080, 20.4540, -29.2900 looks on a white background.

Color Contrast Check

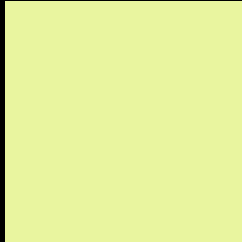
Large Text (above 18pt) WCAG AA × Fail

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 231.6080, 20.4540, -29.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

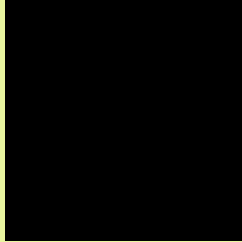
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 231.6080, 20.4540, -29.2900

Background



This preview shows how black text looks on a background with the YIQ color 231.6080, 20.4540, -29.2900.



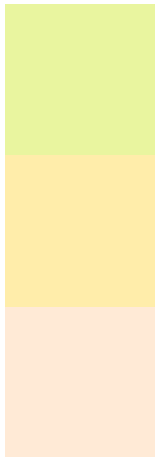
This preview shows how white text looks on a background with the YIQ color 231.6080, 20.4540,

-29.2900.

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

231.6080, 20.4540, -29.2900

Protanopia

234.7440, 32.2350, -17.0210

Deuteranopia

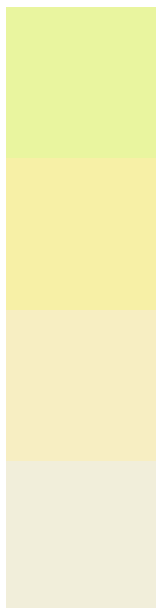
237.9990, 18.9360, -1.7680



Tritanopia

239.3410, 0.7780, 7.9300

Trichromacy



Original Color

231.6080, 20.4540, -29.2900

Protanomaly

233.6570, 27.9260, -21.5300

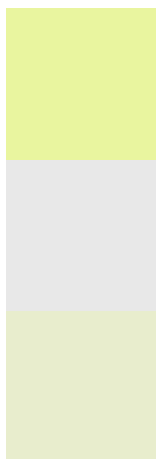
Deuteranomaly

235.6750, 19.4880, -11.7760

Tritanomaly

236.6170, 8.2080, -5.5840

Monochromacy



Original Color

231.6080, 20.4540, -29.2900

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.8570, 7.2920, -11.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.6080, 20.4540, -29.2900 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, 245, 159)` looks like.

```
.text, #text, p{  
    color:rgb(233, 245, 159)  
}
```

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, 245, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 245, 159) }
```

Border

The CSS property to change the border of an element to YIQ 231.6080, 20.4540, -29.2900 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, 245, 159) }
```


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

```
.border{ border-color:rgb(233, 245, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 245, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 245, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 245, 159);  
box-shadow:4px 4px 4px 4px rgb(233, 245,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 231.6080, 20.4540, -29.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 245, 159) }
```

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

```
.background{ background-color: rgb(233,  
245, 159) }
```

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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