

Converting Colors

YIQ(234.4990, 30.4060,
-44.4580)

Have a look what the booklet for
YIQ(234.4990, 30.4060, -44.4580)
contains.

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Color

**YIQ(234.4990, 30.4060,
-44.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFF7D
RGB	236, 255, 125
RGB Percent	93%, 100%, 49%
CMY	0.0746, 0.0000, 0.5096
CMYK	0.07, 0.00, 0.51, 0.00
HSL	69°, 100%, 75%
HSV	69°, 51%, 100%
XYZ	74.0467, 90.8295, 33.0501
YIQ	234.4990, 30.4060, -44.4580

Conversions

Conversions Part 2

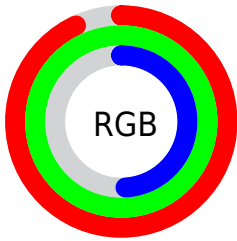
Format	Color
R_{YB}	125, 255, 144
Decimal	15531901
CIE Lab	96.34, -24.15, 59.28
CIE LCh	96, 64.010, 112.167
Yxy	90.8295, 0.3741, 0.4589
Android (android.graphics.Color)	4293721981 (0xFFE0FF7D)
YUV	234.4990, -53.9830, 1.3164
Hunter-Lab	95.3045, -28.0976, 46.1523

Details

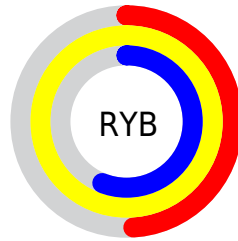
The YIQ color $234.4990, 30.4060, -44.4580$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $145.5010, -30.4060, 44.4580$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $246.4500, 24.0750, -23.3250$, and $177.5420, 28.8470, -43.7370$ is the 20% darker color. If you saturate the color by 10%, you get $230.4530, 36.0470, -53.0810$, and if you desaturate by 10%, it is $238.6590, 24.4440, -35.5240$.

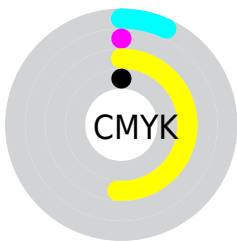
Distribution



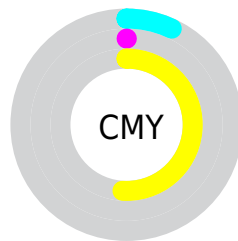
- Red (93%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 234.4990, 30.4060, -44.4580 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 234.4990, 30.4060, -44.4580 by changing the saturation by 10% instead.

 234.4990, 30.4060,
-44.4580


 234.4990, 30.4060,
-44.4580


255.0000, -0.0000,
-0.0000


 205.7270, 29.7640,
-43.8360


 246.4500, 24.0750,
-23.3250


 177.5420, 28.8470,
-43.7370


 249.7560, 14.7660,
-14.3060

 150.1290, 28.5720,
-44.2600

 253.0620, 5.4570,
-5.2870

 121.9350, 31.8740,
-49.0380

 98.2580, 23.8950,
-42.0970

 75.8090, 15.2740,
-34.5340

 53.6480, 5.7820,

-27.7060

■ 32.3620, -4.8560,
-22.1360

■ 17.0230, -7.9750,
-15.1670

■ 234.4990, 30.4060,
-44.4580

■ 234.4990, 30.4060,
-44.4580

■ 230.4530, 36.0470,
-53.0810

■ 238.6590, 24.4440,
-35.5240

■ 226.2930, 42.0090,
-62.0150

■ 242.4060, 18.2070,
-27.1130

■ 222.5460, 48.2460,
-70.4260

■ 246.5660, 12.2450,
-18.1790

■ 218.3860, 54.2080,
-79.3600

■ 250.6120, 6.6040,
-9.5560

■ 214.8670, 59.8030,
-87.1490

254.7720, 0.6420,
-0.6220

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

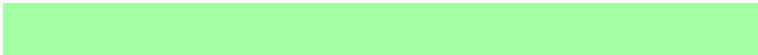
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.7560, 49.1560, -31.8360



234.4990, 30.4060, -44.4580



217.0470, -26.8590, -47.3950

Triad

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



234.4990, 30.4060, -44.4580



178.7550, -151.9800, -54.0600



219.1930, 16.7750, 31.9030

Complementary

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



234.4990, 30.4060, -44.4580



145.5010, -30.4060, 44.4580

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.



229.1720, 12.1000, 23.0120



234.4990, 30.4060, -44.4580



205.3660, -98.9360, -35.1920

Square

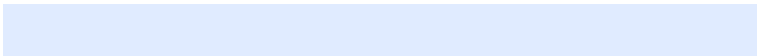
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.4990, 30.4060, -44.4580



178.7550, -151.9800, -54.0600



233.9910, -12.9760, 3.8880



213.6240, 33.8340, 14.5860

Rectangle

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



234.4990, 30.4060, -44.4580



201.3460, -78.9890, -49.7810



233.9910, -12.9760, 3.8880



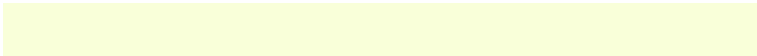
221.5410, 15.6750, 29.8110

Sweetspot

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



234.4990, 30.4060, -44.4580



248.8740, 8.6220, -13.0900



173.8490, 72.8050, 18.6690



124.1820, 4.9990, -8.0010



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

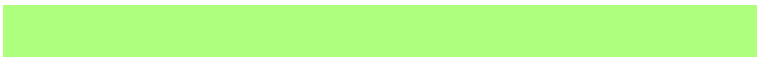
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.4990, 30.4060, -44.4580



230.3390, 36.3680, -53.3920



215.6620, -7.1420, -57.8140



125.9200, 2.9810, -4.4670



160.8540, 44.6230, -65.3370



53.7140, 14.5840, -22.0240

Inverse Universe

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



145.5010, -30.4060, 44.4580



123.6610, -36.3680, 53.3920



164.3380, 7.1420, 57.8140



117.0800, -2.9810, 4.4670



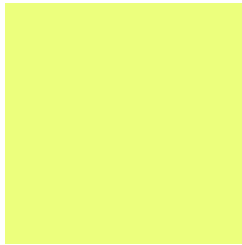
30.1460, -44.6230, 65.3370



9.9870, -15.1800, 21.8120

Previews

White Background



This preview shows how the YIQ color 234.4990, 30.4060, -44.4580 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 234.4990, 30.4060, -44.4580 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 234.4990, 30.4060, -44.4580

Background



This preview shows how black text looks on a background with the YIQ color 234.4990, 30.4060, -44.4580.



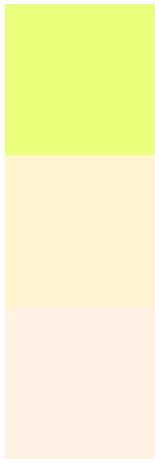
This preview shows how white text looks on a background with the YIQ color 234.4990, 30.4060, -44.4580.

-44.4580.

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

234.4990, 30.4060, -44.4580

Protanopia

242.8430, 19.0750, -9.7970

Deuteranopia

244.4050, 11.9210, -1.2870



Tritanopia

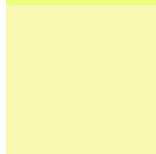
244.9880, 0.2740, 6.0500

Trichromacy



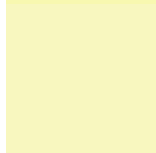
Original Color

234.4990, 30.4060, -44.4580



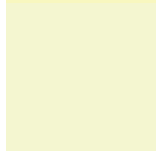
Protanomaly

239.7920, 23.1120, -22.3920



Deuteranomaly

240.9150, 18.5720, -17.2040



Tritanomaly

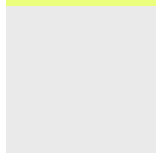
241.0700, 11.0060, -12.2420

Monochromacy



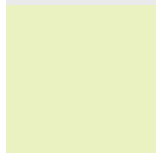
Original Color

234.4990, 30.4060, -44.4580



Achromatopsia

234.0000, -0.0000, 0.0000



Achromatomaly

234.4350, 11.2360, -16.4120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.4990, 30.4060, -44.4580 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(236, 255, 125)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 125)  
}
```

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(236, 255, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 125) }
```

Border

The CSS property to change the border of an element to YIQ 234.4990, 30.4060, -44.4580 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(236, 255, 125) }
```


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

```
.border{ border-color:rgb(236, 255, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 125);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 234.4990, 30.4060, -44.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 125) }
```

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

```
.background{ background-color: rgb(236,  
255, 125) }
```

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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