

Converting Colors

YIQ(225.3820, -6.4670, 12.5810)

Have a look what the booklet for
YIQ(225.3820, -6.4670, 12.5810)
contains.

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Color

**YIQ(225.3820, -6.4670,
12.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DBFE
RGB	227, 219, 254
RGB Percent	89%, 86%, 100%
CMY	0.1098, 0.1412, 0.0040
CMYK	0.11, 0.14, 0.00, 0.00
HSL	254°, 95%, 93%
HSV	254°, 14%, 100%
XYZ	74.8997, 74.1488, 104.1191
YIQ	225.3820, -6.4670, 12.5810

Conversions

Conversions Part 2

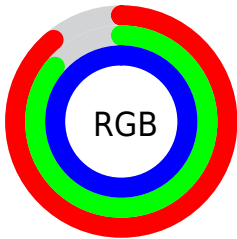
Format	Color
R _Y B	227, 219, 254
Decimal	14932990
CIE Lab	88.99, 9.28, -16.02
CIE LCh	89, 18.510, 300.078
Yxy	74.1488, 0.2959, 0.2929
Android (android.graphics.Color)	4293123070 (0xFFE3DBFE)
YUV	225.3820, 14.1087, 1.4190
Hunter-Lab	86.1097, 4.5705, -11.4134

Details

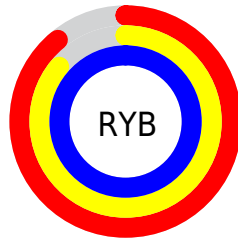
The YIQ color $225.3820, -6.4670, 12.5810$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $247.6180, 6.4670, -12.5810$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.8550, -6.4210, 11.7470$ is the 20% darker color. If you saturate the color by 10%, you get $204.7270, -11.5120, 21.4160$, and if you desaturate by 10%, it is $246.0370, -1.4220, 3.7460$.

Distribution



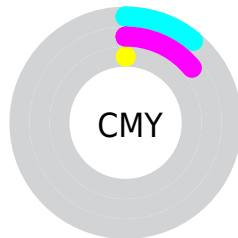
- Red (89%)
- Green (86%)
- Blue (100%)



- Red (89%)
- Yellow (86%)
- Blue (100%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.3820, -6.4670, 12.5810 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 225.3820, -6.4670, 12.5810 by changing the saturation by 10% instead.

■ 225.3820, -6.4670,
12.5810

■ 225.3820, -6.4670,
12.5810

255.0000, -0.0000,
-0.0000

■ 197.2680, -6.1460,
12.2700

■ 169.8550, -6.4210,
11.7470

■ 143.7410, -6.1000,
11.4360

■ 117.6270, -5.7790,
11.1250

■ 93.2140, -6.0540,
10.6020

■ 69.6870, -6.0080,
9.7680

■ 47.1600, -5.9620,

8.9340

■ 26.0460, -5.6410,
8.6230

■ 2.9640, -8.3460,
8.0860

■ 225.3820, -6.4670,
12.5810

■ 225.3820, -6.4670,
12.5810

■ 204.7270,
-11.5120, 21.4160

■ 246.0370, -1.4220,
3.7460

■ 183.7840,
-15.6860, 30.9860

254.8860, 0.3210,
-0.3110

■ 163.1290,
-20.7310, 39.8210

■ 142.1860,
-24.9050, 49.3910

■ 121.5310,
-29.9500, 58.2260

■ 101.1750,
-34.3990, 67.2730

■ 79.9330, -39.1690,
76.6310

■ 59.2780, -44.2140,
85.4660

■ 46.2980, -46.9660,
91.2900

Harmonies

Analogous

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



222.1410, -22.1460, 4.8780



225.3820, -6.4670, 12.5810



226.9450, 11.0010, 15.3930

Triad

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



225.3820, -6.4670, 12.5810



225.1420, 28.8390, 0.4790



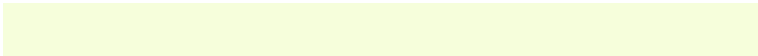
217.4970, -26.8650, -14.2330

Complementary

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



225.3820, -6.4670, 12.5810



247.6180, 6.4670, -12.5810

Split Complementary

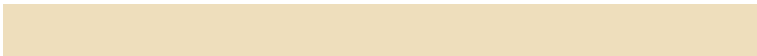
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.7560, -11.5970, -15.6050



225.3820, -6.4670, 12.5810



222.9080, 20.4500, -7.1820

Square

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



225.3820, -6.4670, 12.5810



224.2870, 27.2330, 7.5610



221.0200, 5.2750, -13.0050



217.0540, -35.6230, -9.6950

Rectangle

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



225.3820, -6.4670, 12.5810



226.9090, 19.8500, 14.7140



221.0200, 5.2750, -13.0050



218.0090, -22.5550, -15.2510

Sweetspot

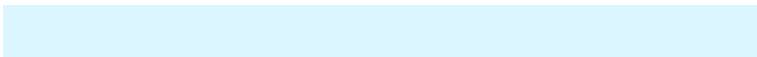
The Sweet Spot groups the original color and five complimentary colors.



225.3820, -6.4670, 12.5810



246.7380, -2.0180, 3.5340



238.8390, -18.6600, -3.2360



122.3960, -1.0550, 2.6010



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.



225.3820, -6.4670, 12.5810



219.8920, -7.8430, 15.4930



230.4650, 3.6650, 16.1850



117.3790, -2.3850, 4.6790



34.9300, -35.0870, 68.7290



11.7810, -11.6040, 23.0840

Inverse Universe

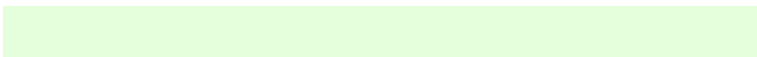
The Inverse Universe completely reimagines the original color for something new.



232.5430, 12.1930, 15.8170



228.6190, 15.0350, 19.3790



242.5350, -3.6650, -16.1850



120.0270, 4.5380, 5.8660



73.8670, 66.6490, 86.2090



24.7220, 22.4150, 28.8070

Previews

White Background



This preview shows how the YIQ color 225.3820, -6.4670, 12.5810 looks on a white background.

Color Contrast Check

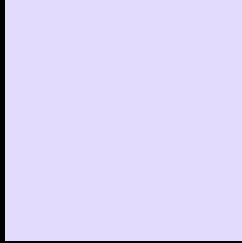
Large Text (above 18pt) WCAG AA × Fail

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 225.3820, -6.4670, 12.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

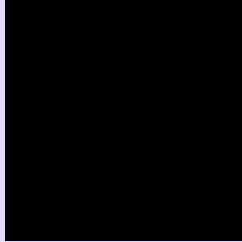
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.3820, -6.4670, 12.5810

Background



This preview shows how black text looks on a background with the YIQ color 225.3820, -6.4670, 12.5810.

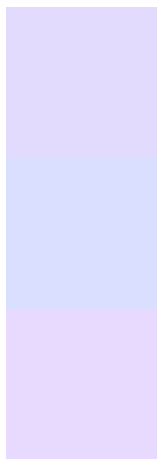


This preview shows how white text looks on a background with the YIQ color 225.3820, -6.4670,

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

225.3820, -6.4670, 12.5810

Protanopia

224.5660, -12.9770, 9.4150

Deuteranopia

225.9910, -3.8080, 13.9520



Tritanopia

224.8350, -3.6690, 5.9230

Trichromacy



Original Color

225.3820, -6.4670, 12.5810

Protanomaly

224.8760, -10.9140, 10.5740

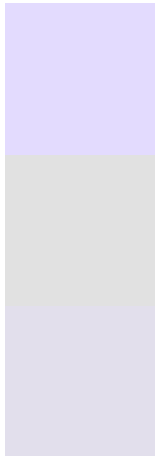
Deuteranomaly

225.6920, -4.4040, 13.7400

Tritanomaly

225.1170, -4.4030, 8.2130

Monochromacy



Original Color

225.3820, -6.4670, 12.5810

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.3790, -2.3850, 4.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.3820, -6.4670, 12.5810 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(227, 219, 254)` looks like.

```
.text, #text, p{  
    color:rgb(227, 219, 254)  
}
```

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(227, 219, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 254) }
```

Border

The CSS property to change the border of an element to YIQ 225.3820, -6.4670, 12.5810 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(227, 219, 254) }
```


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

```
.border{ border-color:rgb(227, 219, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 219, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 254);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 225.3820, -6.4670, 12.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 254) }
```

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

```
.background{ background-color: rgb(227,  
219, 254) }
```

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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