

Converting Colors

YIQ(232.5950, -2.7530, 11.3510)

Have a look what the booklet for
YIQ(232.5950, -2.7530, 11.3510)
contains.

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Color

**YIQ(232.5950, -2.7530,
11.3510)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDE2FF |
| RGB | 237, 226, 255 |
| RGB Percent | 93%, 89%, 100% |
| CMY | 0.0705, 0.1137, 0.0000 |
| CMYK | 0.07, 0.11, 0.00, 0.00 |
| HSL | 263°, 100%, 94% |
| HSV | 263°, 11%, 100% |
| XYZ | 80.1726, 79.6162, 105.7425 |
| YIQ | 232.5950, -2.7530, 11.3510 |

Conversions

Conversions Part 2

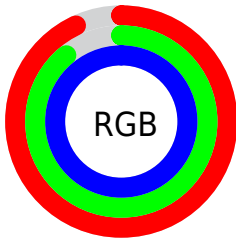
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 237, 226, 255 |
| Decimal | 15590143 |
| CIE _{Lab} | 91.51, 9.01, -12.69 |
| CIE _{LCh} | 92, 15.565, 305.368 |
| Yxy | 79.6162, 0.3019, 0.2998 |
| Android (android.graphics.Color) | 4293780223 (0xFFE2FF) |
| YUV | 232.5950, 11.0457, 3.8632 |
| Hunter-Lab | 89.2279, 4.2361, -7.8041 |

Details

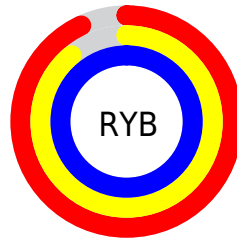
The YIQ color $232.5950, -2.7530, 11.3510$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $248.4050, 2.7530, -11.3510$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.0680, -2.7070, 10.5170$ is the 20% darker color. If you saturate the color by 10%, you get $213.1360, -5.4140, 21.0340$, and if you desaturate by 10%, it is $252.6410, -0.3670, 1.1450$.

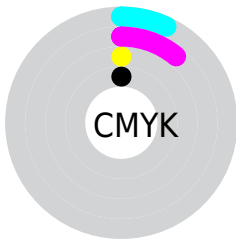
Distribution



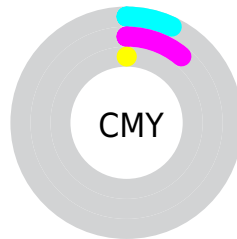
- Red (93%)
- Green (89%)
- Blue (100%)



- Red (93%)
- Yellow (89%)
- Blue (100%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.5950, -2.7530, 11.3510 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 232.5950, -2.7530, 11.3510 by changing the saturation by 10% instead.

232.5950, -2.7530,
11.3510

232.5950, -2.7530,
11.3510

255.0000, -0.0000,
-0.0000

204.4810, -2.4320,
11.0400

177.0680, -2.7070,
10.5170

150.0680, -2.7070,
10.5170

124.5410, -2.6610,
9.6830

99.5410, -2.6610,
9.6830

75.4270, -2.3400,
9.3720

52.9000, -2.2940,

8.5380

■ 31.4870, -2.5690,
8.0150

■ 7.2640, -0.3230,
11.3650

■ 232.5950, -2.7530,
11.3510

■ 232.5950, -2.7530,
11.3510

■ 213.1360, -5.4140,
21.0340

■ 252.6410, -0.3670,
1.1450

■ 193.0900, -7.8000,
31.2400

255.0000, -0.0000,
-0.0000

■ 173.9300, -9.8650,
41.1350

■ 153.8840,
-12.2510, 51.3410

■ 134.4250,
-14.9120, 61.0240

■ 114.3790,
-17.2980, 71.2300

■ 94.9200, -19.9590,
80.9130

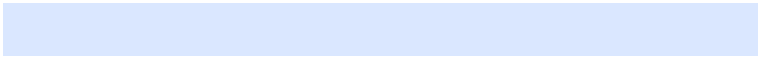
■ 75.1730, -21.7490,
91.3310

■ 58.0730, -24.0430,
99.8690

Harmonies

Analogous

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



229.8490, -15.4520, 4.7080



232.5950, -2.7530, 11.3510



233.6630, 11.7350, 13.1030

Triad

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



232.5950, -2.7530, 11.3510



231.8640, 23.7500, -0.9060



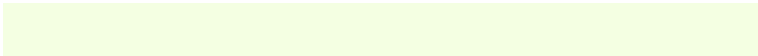
225.7470, -24.5730, -11.7170

Complementary

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



232.5950, -2.7530, 11.3510



248.4050, 2.7530, -11.3510

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.



226.4510, -12.0560, -12.7920



232.5950, -2.7530, 11.3510



229.6840, 15.2690, -6.8990

Square

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



232.5950, -2.7530, 11.3510



230.9550, 22.2360, 4.5080



228.1060, 2.1570, -11.5630



226.1580, -29.9840, -7.2640

Rectangle

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



232.5950, -2.7530, 11.3510



232.6480, 16.0910, 11.2510



228.1060, 2.1570, -11.5630



225.4870, -20.9050, -12.1130

Sweetspot

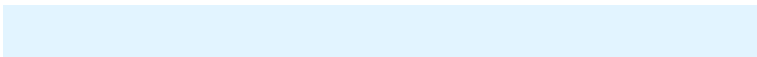
The Sweet Spot groups the original color and five complimentary colors.



232.5950, -2.7530, 11.3510



248.8090, -0.7800, 3.1240



239.8720, -14.2590, -0.3950



123.2820, -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.



232.5950, -2.7530, 11.3510



227.2900, -3.2120, 14.1640



236.7810, 5.5910, 14.3190



117.9770, -1.1930, 5.1030



43.6010, -17.8030, 74.8770



14.4720, -6.2400, 24.9920

Inverse Universe

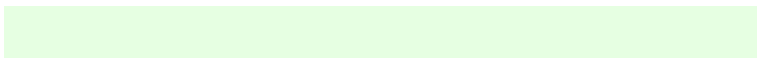
The Inverse Universe completely reimagines the original color for something new.



236.7230, 11.5060, 11.7460



232.2720, 14.3940, 14.4740



244.2190, -5.5910, -14.3190



119.7990, 5.1800, 5.2440



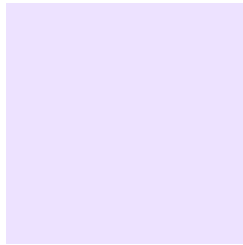
70.6750, 75.6370, 77.5010



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 232.5950, -2.7530, 11.3510 looks on a white background.

Color Contrast Check

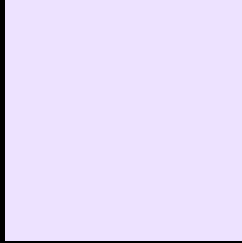
Large Text (above 18pt) WCAG AA × Fail

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 232.5950, -2.7530, 11.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

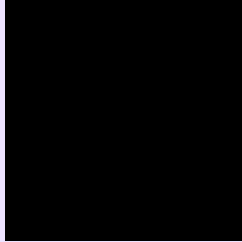
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 232.5950, -2.7530, 11.3510

Background



This preview shows how black text looks on a background with the YIQ color 232.5950, -2.7530, 11.3510.

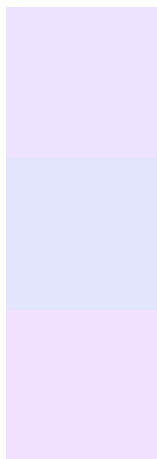


This preview shows how white text looks on a background with the YIQ color 232.5950, -2.7530,

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

232.5950, -2.7530, 11.3510

Protanopia

231.3660, -9.5380, 7.6620

Deuteranopia

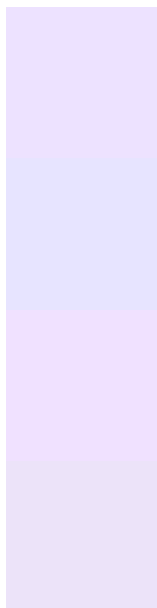
232.6170, 0.1810, 13.2450



Tritanopia

232.1450, -1.6060, 7.0820

Trichromacy



Original Color

232.5950, -2.7530, 11.3510

Protanomaly

231.9750, -6.8790, 9.0330

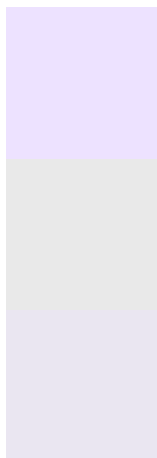
Deuteranomaly

232.9050, -0.6900, 12.5100

Tritanomaly

232.1990, -1.6980, 8.7500

Monochromacy



Original Color

232.5950, -2.7530, 11.3510

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.4500, -1.1470, 4.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.5950, -2.7530, 11.3510 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(237, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 255)  
}
```

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(237, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 255) }
```

Border

The CSS property to change the border of an element to YIQ 232.5950, -2.7530, 11.3510 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(237, 226, 255) }
```


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

```
.border{ border-color:rgb(237, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 232.5950, -2.7530, 11.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 255) }
```

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

```
.background{ background-color: rgb(237,  
226, 255) }
```

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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