

Converting Colors

YIQ(227.0180, -8.4380, 9.7540)

Have a look what the booklet for
YIQ(227.0180, -8.4380, 9.7540)
contains.

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Color

**YIQ(227.0180, -8.4380,
9.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DFFD
RGB	225, 223, 253
RGB Percent	88%, 87%, 99%
CMY	0.1176, 0.1255, 0.0079
CMYK	0.11, 0.12, 0.00, 0.01
HSL	244°, 88%, 93%
HSV	244°, 12%, 99%
XYZ	75.1680, 75.8744, 103.5999
YIQ	227.0180, -8.4380, 9.7540

Conversions

Conversions Part 2

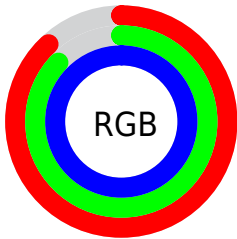
Format	Color
R _Y B	225, 223, 253
Decimal	14802941
CIE Lab	89.80, 6.34, -14.30
CIE LCh	90, 15.640, 293.929
Yxy	75.8744, 0.2952, 0.2980
Android (android.graphics.Color)	4292993021 (0xFFE1DFFD)
YUV	227.0180, 12.8091, -1.7698
Hunter-Lab	87.1059, 1.6011, -9.5427

Details

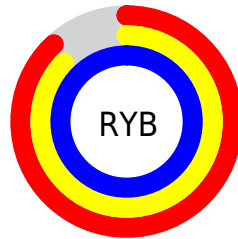
The YIQ color $227.0180, -8.4380, 9.7540$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $248.9820, 8.4380, -9.7540$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.7900, -7.7960, 9.1320$ is the 20% darker color. If you saturate the color by 10%, you get $205.1670, -15.8670, 17.7410$, and if you desaturate by 10%, it is $248.8690, -1.0090, 1.7670$.

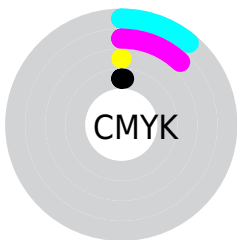
Distribution



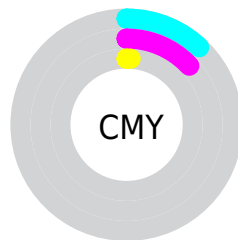
- Red (88%)
- Green (87%)
- Blue (99%)



- Red (88%)
- Yellow (87%)
- Blue (99%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.0180, -8.4380, 9.7540 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 227.0180, -8.4380, 9.7540 by changing the saturation by 10% instead.

■ 227.0180, -8.4380,
9.7540

■ 227.0180, -8.4380,
9.7540

255.0000, -0.0000,
-0.0000

■ 198.9040, -8.1170,
9.4430

■ 171.7900, -7.7960,
9.1320

■ 144.7900, -7.7960,
9.1320

■ 119.3770, -8.0710,
8.6090

■ 94.2630, -7.7500,
8.2980

■ 71.0350, -7.1080,
7.6760

■ 48.6220, -7.3830,

7.1530

■ 27.0950, -7.3370,
6.3190

■ 2.9640, -8.3460,
8.0860

■ 227.0180, -8.4380,
9.7540

■ 227.0180, -8.4380,
9.7540

■ 205.1670,
-15.8670, 17.7410

■ 248.8690, -1.0090,
1.7670

■ 183.0280,
-22.4250, 26.4630

254.7720, 0.6420,
-0.6220

■ 161.1770,
-29.8540, 34.4500

■ 139.6250,
-36.6870, 42.6490

■ 117.7740,
-44.1160, 50.6360

■ 95.3360, -51.2700,
59.1460

■ 73.7840, -58.1030,
67.3450

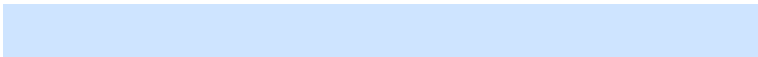
■ 51.9330, -65.5320,
75.3320

■ 33.9250, -71.0810,
82.2870

Harmonies

Analogous

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



224.5000, -21.7790, 3.7330



227.0180, -8.4380, 9.7540



228.4390, 6.5540, 13.3860

Triad

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



227.0180, -8.4380, 9.7540



227.2280, 25.7210, 1.9210



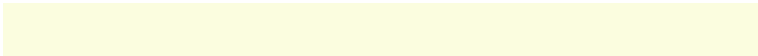
221.2590, -20.2630, -12.7350

Complementary

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



227.0180, -8.4380, 9.7540



248.9820, 8.4380, -9.7540

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.



222.0880, -6.6000, -12.5520



227.0180, -8.4380, 9.7540



225.8910, 19.1200, -5.1040

Square

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



227.0180, -8.4380, 9.7540



227.4330, 23.8860, 7.6460



224.2700, 7.5670, -10.4890



220.5880, -28.3790, -8.8190

Rectangle

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



227.0180, -8.4380, 9.7540



228.5170, 15.0820, 13.0180



224.2700, 7.5670, -10.4890



221.2980, -15.9990, -12.9190

Sweetspot

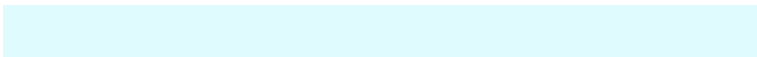
The Sweet Spot groups the original color and five complimentary colors.



227.0180, -8.4380, 9.7540



246.1400, -3.2100, 3.1100



242.8560, -17.3300, -5.3140



122.0970, -1.6510, 2.3890



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.



227.0180, -8.4380, 9.7540



224.0010, -9.7680, 11.8320



231.5030, 0.5020, 12.9340



116.7810, -3.5770, 4.2550



25.6610, -53.5630, 62.1570



8.4920, -18.1600, 20.7520

Inverse Universe

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



235.1620, 8.8920, 15.0680



233.6400, 10.5420, 18.2060



244.4970, -0.5020, -12.9340



120.2550, 3.8960, 6.4880



77.4010, 56.6980, 95.8500



25.8620, 19.2050, 31.9170

Previews

White Background



This preview shows how the YIQ color 227.0180, -8.4380, 9.7540 looks on a white background.

Color Contrast Check

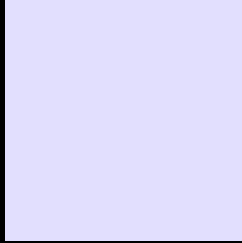
Large Text (above 18pt) WCAG AA × Fail

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 227.0180, -8.4380, 9.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

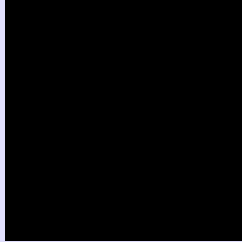
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.0180, -8.4380, 9.7540

Background



This preview shows how black text looks on a background with the YIQ color 227.0180, -8.4380, 9.7540.



This preview shows how white text looks on a background with the YIQ color 227.0180, -8.4380, 9.7540.

9.7540.

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

227.0180, -8.4380, 9.7540

Protanopia

226.5230, -11.4180, 8.6940

Deuteranopia

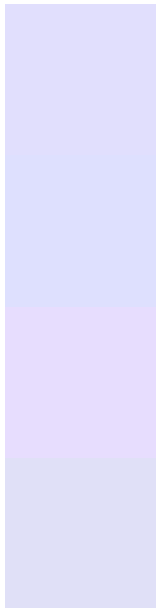
228.3610, -1.9740, 13.7540



Tritanopia

226.4540, -6.9700, 5.1740

Trichromacy



Original Color

227.0180, -8.4380, 9.7540

Protanomaly

226.8220, -10.8220, 8.9060

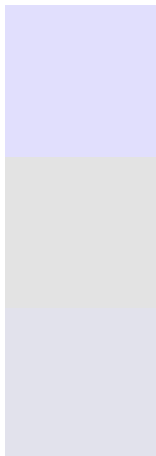
Deuteranomaly

227.7520, -4.6330, 12.3830

Tritanomaly

226.6220, -7.3830, 7.1530

Monochromacy



Original Color

227.0180, -8.4380, 9.7540

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.1400, -3.2100, 3.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.0180, -8.4380, 9.7540 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(225, 223, 253)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 253)  
}
```

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(225, 223, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 253) }
```

Border

The CSS property to change the border of an element to YIQ 227.0180, -8.4380, 9.7540 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(225, 223, 253) }
```


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

```
.border{ border-color:rgb(225, 223, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 253);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 227.0180, -8.4380, 9.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 253) }
```

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

```
.background{ background-color: rgb(225,  
223, 253) }
```

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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