

Converting Colors

YIQ(232.8500, -8.0250, 7.7750)

Have a look what the booklet for
YIQ(232.8500, -8.0250, 7.7750)
contains.

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Color

**YIQ(232.8500, -8.0250,
7.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E6FF
RGB	230, 230, 255
RGB Percent	90%, 90%, 100%
CMY	0.0980, 0.0980, 0.0000
CMYK	0.10, 0.10, 0.00, 0.00
HSL	240°, 100%, 95%
HSV	240°, 10%, 100%
XYZ	78.9791, 80.6365, 105.9985
YIQ	232.8500, -8.0250, 7.7750

Conversions

Conversions Part 2

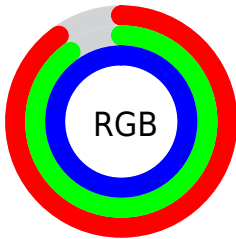
Format	Color
R _Y B	230, 230, 255
Decimal	15132415
CIE Lab	91.97, 4.68, -12.06
CIE LCh	92, 12.940, 291.212
Yxy	80.6365, 0.2973, 0.3036
Android (android.graphics.Color)	4293322495 (0xFFE6E6FF)
YUV	232.8500, 10.9200, -2.4994
Hunter-Lab	89.7978, -0.1515, -7.1282

Details

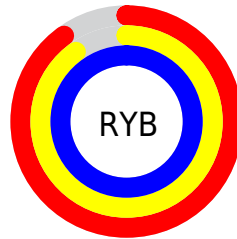
The YIQ color $232.8500, -8.0250, 7.7750$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $252.1500, 8.0250, -7.7750$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.3230, -7.9790, 6.9410$ is the 20% darker color. If you saturate the color by 10%, you get $210.7000, -16.0500, 15.5500$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

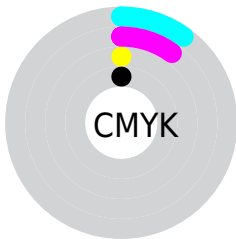
Distribution



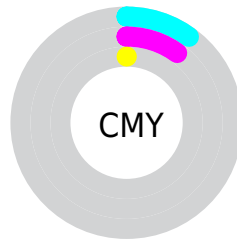
- Red (90%)
- Green (90%)
- Blue (100%)



- Red (90%)
- Yellow (90%)
- Blue (100%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.8500, -8.0250, 7.7750 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 232.8500, -8.0250, 7.7750 by changing the saturation by 10% instead.

■ 232.8500, -8.0250,
7.7750

■ 232.8500, -8.0250,
7.7750

255.0000, -0.0000,
-0.0000

■ 204.7360, -7.7040,
7.4640

■ 177.3230, -7.9790,
6.9410

■ 150.6220, -7.3830,
7.1530

■ 124.5080, -7.0620,
6.8420

■ 99.5080, -7.0620,
6.8420

■ 75.9810, -7.0160,
6.0080

■ 52.8670, -6.6950,

5.6970

■ 31.7530, -6.3740,
5.3860

■ 7.5080, -7.0620,
6.8420

■ 232.8500, -8.0250,
7.7750

■ 232.8500, -8.0250,
7.7750

■ 210.7000,
-16.0500, 15.5500

255.0000, -0.0000,
-0.0000

■ 187.6640,
-24.3960, 23.6360

■ 165.5140,
-32.4210, 31.4110

■ 142.4780,
-40.7670, 39.4970

■ 120.3280,
-48.7920, 47.2720

■ 97.2920, -57.1380,
55.3580

■ 75.1420, -65.1630,
63.1330

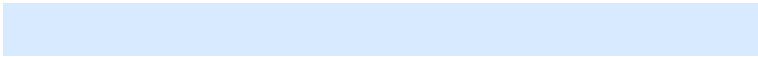
■ 52.1060, -73.5090,
71.2190

■ 29.9560, -81.5340,
78.9940

Harmonies

Analogous

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



230.7130, -18.0650, 2.5030



232.8500, -8.0250, 7.7750



234.1890, 4.2620, 10.8700

Triad

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



232.8500, -8.0250, 7.7750



233.1890, 21.4570, 2.1050



228.1780, -15.5410, -10.2050

Complementary

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



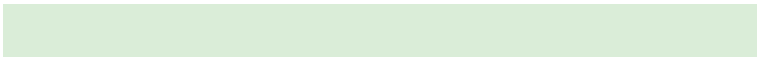
232.8500, -8.0250, 7.7750



252.1500, 8.0250, -7.7750

Split Complementary

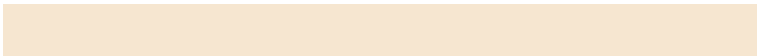
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.9250, -4.5830, -10.5590



232.8500, -8.0250, 7.7750



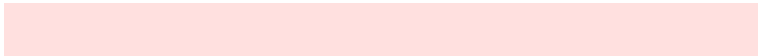
232.2760, 16.5980, -3.4500

Square

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



232.8500, -8.0250, 7.7750



233.1550, 18.7970, 6.2610



230.8510, 7.4290, -7.9870



227.7520, -22.9690, -7.7450

Rectangle

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



232.8500, -8.0250, 7.7750



234.1960, 11.5520, 10.9120



230.8510, 7.4290, -7.9870



228.6190, -12.4690, -10.8130

Sweetspot

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



232.8500, -8.0250, 7.7750



247.9120, -2.5680, 2.4880



247.5250, -14.9000, -5.3000



122.6840, -1.9260, 1.8660



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.



232.8500, -8.0250, 7.7750



227.5340, -9.9510, 9.6410



236.4380, -0.8730, 10.3190



116.4820, -4.1730, 4.0430



21.7740, -61.3110, 59.4010



7.2960, -20.5440, 19.9040

Inverse Universe

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



240.3250, 6.8750, 13.0750



236.8030, 8.5250, 16.2130



248.2630, 0.2770, -10.5310



120.2550, 3.8960, 6.4880



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Previews

White Background



This preview shows how the YIQ color 232.8500, -8.0250, 7.7750 looks on a white background.

Color Contrast Check

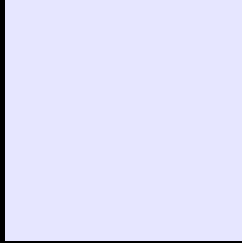
Large Text (above 18pt) WCAG AA × Fail

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 232.8500, -8.0250, 7.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

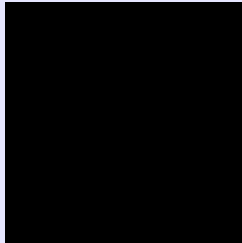
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 232.8500, -8.0250, 7.7750

Background



This preview shows how black text looks on a background with the YIQ color 232.8500, -8.0250, 7.7750.



This preview shows how white text looks on a background with the YIQ color 232.8500, -8.0250,

7.7750.

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

232.8500, -8.0250, 7.7750

Protanopia

232.5510, -8.6210, 7.5630

Deuteranopia

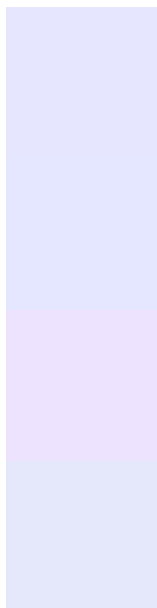
234.3890, 0.8230, 12.6230



Tritanopia

232.4540, -6.9700, 5.1740

Trichromacy



Original Color

232.8500, -8.0250, 7.7750

Protanomaly

232.5510, -8.6210, 7.5630

Deuteranomaly

233.4810, -2.4320, 11.0400

Tritanomaly

232.6820, -7.6120, 5.7960

Monochromacy



Original Color

232.8500, -8.0250, 7.7750

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.0260, -2.8890, 2.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.8500, -8.0250, 7.7750 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(230, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 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(230, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 255) }
```

Border

The CSS property to change the border of an element to YIQ 232.8500, -8.0250, 7.7750 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(230, 230, 255) }
```


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

```
.border{ border-color:rgb(230, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 232.8500, -8.0250, 7.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 255) }
```

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

```
.background{ background-color: rgb(230,  
230, 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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