

Converting Colors

YIQ(229.7900, -16.9640,
-0.9320)

Have a look what the booklet for
YIQ(229.7900, -16.9640, -0.9320)
contains.

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Color

**YIQ(229.7900, -16.9640,
-0.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EBF7
RGB	213, 235, 247
RGB Percent	84%, 92%, 97%
CMY	0.1647, 0.0784, 0.0314
CMYK	0.14, 0.05, 0.00, 0.03
HSL	201°, 68%, 90%
HSV	201°, 14%, 97%
XYZ	73.9337, 80.2806, 99.5789
YIQ	229.7900, -16.9640, -0.9320

Conversions

Conversions Part 2

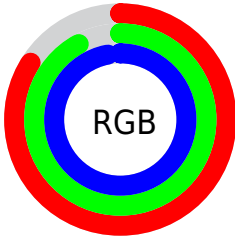
Format	Color
R _Y B	213, 226, 247
Decimal	14019575
CIE Lab	91.81, -4.86, -8.25
CIE LCh	92, 9.579, 239.490
Yxy	80.2806, 0.2913, 0.3163
Android (android.graphics.Color)	4292209655 (0xFFD5EBF7)
YUV	229.7900, 8.4845, -14.7248
Hunter-Lab	89.5994, -9.5082, -3.1740

Details

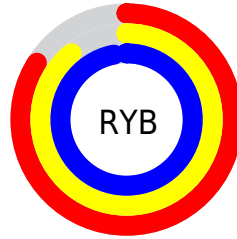
The YIQ color $229.7900, -16.9640, -0.9320$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.2100, 16.9640, 0.9320$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.0890, -16.3680, -0.7200$ is the 20% darker color. If you saturate the color by 10%, you get $217.0320, -29.3890, -1.5250$, and if you desaturate by 10%, it is $242.5480, -4.5390, -0.3390$.

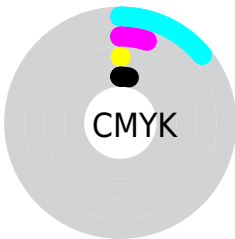
Distribution



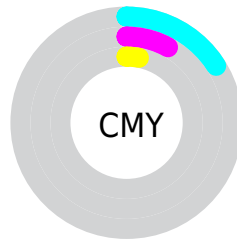
- Red (84%)
- Green (92%)
- Blue (97%)



- Red (84%)
- Yellow (89%)
- Blue (97%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.7900, -16.9640, -0.9320 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 229.7900, -16.9640, -0.9320 by changing the saturation by 10% instead.

■ 229.7900,
-16.9640, -0.9320

■ 229.7900,
-16.9640, -0.9320

255.0000, -0.0000,
-0.0000

■ 201.6760,
-16.6430, -1.2430

■ 174.0890,
-16.3680, -0.7200

■ 147.9750,
-16.0470, -1.0310

■ 121.8610,
-15.7260, -1.3420

■ 97.1600, -15.1300,
-1.1300

■ 73.1600, -15.1300,
-1.1300

■ 50.3450, -14.2130,

-1.2290

■ 28.9320, -14.4880,
-1.7520

■ 8.9650, -10.0870,
1.0890

■ 229.7900,
-16.9640, -0.9320

■ 229.7900,
-16.9640, -0.9320

■ 217.0320,
-29.3890, -1.5250

■ 242.5480, -4.5390,
-0.3390

■ 205.1600,
-41.4930, -2.4290

■ 252.3270, 3.3930,
-0.9190

■ 192.4020,
-53.9180, -3.0220

■ 254.0880, 2.5680,
-2.4880

■ 179.6440,
-66.3430, -3.6150

■ 167.4730,
-79.0430, -4.7310

■ 155.0140,
-90.8720, -5.1120

■ 142.2560,
-103.2970, -5.7050

■ 129.4980,
-115.7220, -6.2980

■ 122.0780,
-123.2870, -6.8630

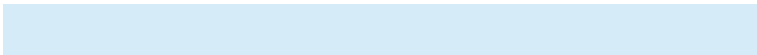
Harmonies

Analogous

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



228.9700, -17.6510, -5.0030



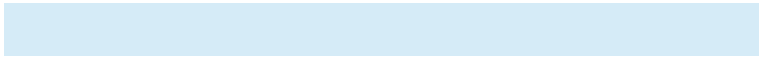
229.7900, -16.9640, -0.9320



231.0620, -11.7380, 3.4780

Triad

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



229.7900, -16.9640, -0.9320



233.2730, 12.6530, 7.4770



230.3390, 3.1190, -6.9690

Complementary

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



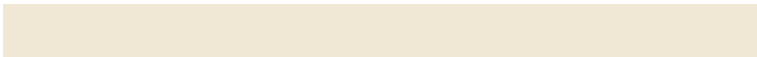
229.7900, -16.9640, -0.9320



230.2100, 16.9640, 0.9320

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.



231.6390, 11.1420, -3.6900



229.7900, -16.9640, -0.9320



233.4320, 16.4590, 4.5790

Square

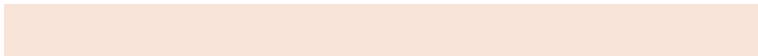
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.7900, -16.9640, -0.9320



233.6790, 5.6380, 7.9580



232.6120, 15.7720, 0.5080



229.3210, -5.6380, -7.9580

Rectangle

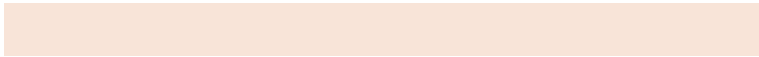
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.7900, -16.9640, -0.9320



232.1660, -6.0990, 5.9090



232.6120, 15.7720, 0.5080



230.8340, 6.0990, -5.9090

Sweetspot

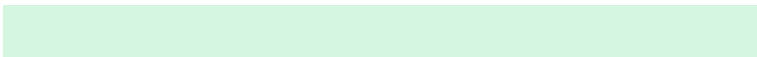
The Sweet Spot groups the original color and five complimentary colors.



229.7900, -16.9640, -0.9320



249.6620, -4.8600, -0.0280



234.3260, -13.2020, -14.0500



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



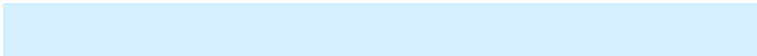
128.0000, -0.0000, -0.0000

Same Dimension

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



229.7900, -16.9640, -0.9320



233.3380, -21.5030, -1.2710



219.8110, -12.2890, 7.9590



116.0640, -6.0520, -0.4520



92.2310, -92.9810, -5.4370



29.0320, -29.3890, -1.5250

Inverse Universe

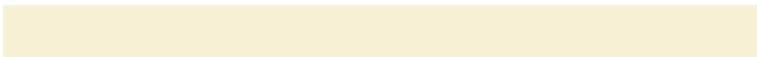
The Inverse Universe completely reimagines the original color for something new.



225.6740, 13.2020, 14.0500



228.0490, 16.6400, 17.8240



240.1890, 12.2890, -7.9590



114.5000, 4.5840, 5.0320



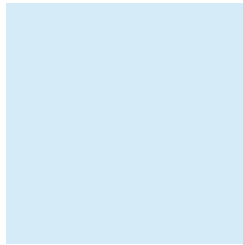
69.4080, 72.0150, 77.0630



21.9730, 22.9660, 24.3260

Previews

White Background



This preview shows how the YIQ color 229.7900, -16.9640, -0.9320 looks on a white background.

Color Contrast Check

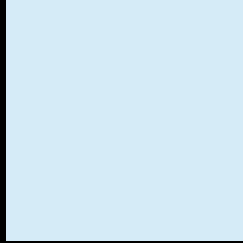
Large Text (above 18pt) WCAG AA × Fail

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 229.7900, -16.9640, -0.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

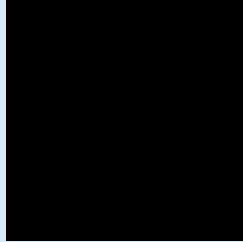
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

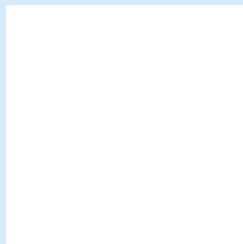
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.7900, -16.9640, -0.9320

Background



This preview shows how black text looks on a background with the YIQ color 229.7900, -16.9640, -0.9320.



This preview shows how white text looks on a background with the YIQ color 229.7900, -16.9640, -0.9320.

-0.9320.

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

229.7900, -16.9640, -0.9320

Protanopia

232.1940, -3.3020, 4.7780

Deuteranopia

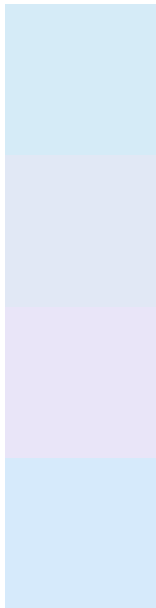
233.7160, 4.2160, 11.7040



Tritanopia

230.1860, -18.0190, 1.6690

Trichromacy



Original Color

229.7900, -16.9640, -0.9320

Protanomaly

231.3890, -8.3450, 2.5590

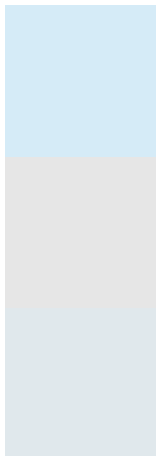
Deuteranomaly

232.3620, -3.7150, 6.7570

Tritanomaly

229.9580, -17.3770, 1.0470

Monochromacy



Original Color

229.7900, -16.9640, -0.9320

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.0640, -6.0520, -0.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.7900, -16.9640, -0.9320 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(213, 235, 247)` looks like.

```
.text, #text, p{  
    color:rgb(213, 235, 247)  
}
```

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(213, 235, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 235, 247) }
```

Border

The CSS property to change the border of an element to YIQ 229.7900, -16.9640, -0.9320 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(213, 235, 247) }
```


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

```
.border{ border-color:rgb(213, 235, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 235, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 235, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 235, 247);  
box-shadow:4px 4px 4px 4px rgb(213, 235,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 229.7900, -16.9640, -0.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 235, 247) }
```

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

```
.background{ background-color: rgb(213,  
235, 247) }
```

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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