

Converting Colors

YIQ(227.2020, -14.9480, 6.5880)

Have a look what the booklet for
YIQ(227.2020, -14.9480, 6.5880)
contains.

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Color

**YIQ(227.2020, -14.9480,
6.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E3FF
RGB	217, 227, 255
RGB Percent	85%, 89%, 100%
CMY	0.1490, 0.1098, 0.0001
CMYK	0.15, 0.11, 0.00, 0.00
HSL	224°, 100%, 93%
HSV	224°, 15%, 100%
XYZ	74.1317, 76.9106, 105.5284
YIQ	227.2020, -14.9480, 6.5880

Conversions

Conversions Part 2

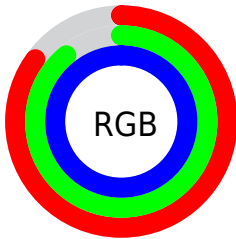
Format	Color
R _Y B	217, 225, 255
Decimal	14279679
CIE Lab	90.28, 2.14, -14.68
CIE LCh	90, 14.838, 278.302
Yxy	76.9106, 0.2889, 0.2998
Android (android.graphics.Color)	4292469759 (0xFFD9E3FF)
YUV	227.2020, 13.7044, -8.9472
Hunter-Lab	87.6987, -2.5867, -9.9549

Details

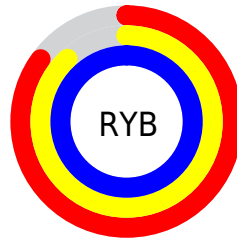
The YIQ color $227.2020, -14.9480, 6.5880$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $244.7980, 14.9480, -6.5880$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.9740, -14.3060, 5.9660$ is the 20% darker color. If you saturate the color by 10%, you get $208.5740, -24.6230, 11.2250$, and if you desaturate by 10%, it is $245.8300, -5.2730, 1.9510$.

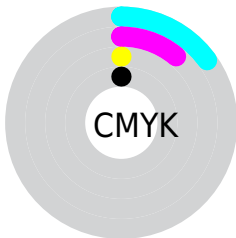
Distribution



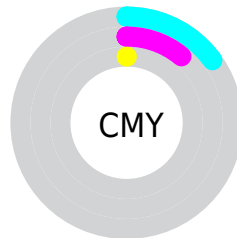
- Red (85%)
- Green (89%)
- Blue (100%)



- Red (85%)
- Yellow (88%)
- Blue (100%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.2020, -14.9480, 6.5880 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 227.2020, -14.9480, 6.5880 by changing the saturation by 10% instead.

■ 227.2020,
-14.9480, 6.5880

■ 227.2020,
-14.9480, 6.5880

■ 255.0000, -0.0000,
-0.0000

■ 199.0880,
-14.6270, 6.2770

■ 171.9740,
-14.3060, 5.9660

■ 144.9740,
-14.3060, 5.9660

■ 119.7460,
-13.6640, 5.3440

■ 94.7460, -13.6640,
5.3440

■ 70.6320, -13.3430,
5.0330

■ 48.4040, -12.7010,

4.4110

■ 26.6920, -13.5720,
3.6760

■ 3.6650, -8.9420,
7.8740

■ 227.2020,
-14.9480, 6.5880

■ 227.2020,
-14.9480, 6.5880

■ 208.5740,
-24.6230, 11.2250

■ 245.8300, -5.2730,
1.9510

■ 189.6470,
-34.8940, 15.6500

255.0000, -0.0000,
-0.0000

■ 171.6060,
-44.8440, 19.7640

■ 152.6790,
-55.1150, 24.1890

■ 134.0510,
-64.7900, 28.8260

■ 115.1240,
-75.0610, 33.2510

■ 97.0830, -85.0110,
37.3650

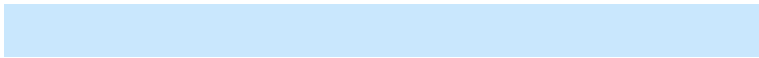
■ 78.1560, -95.2820,
41.7900

■ 68.3990,
-100.2800, 44.2640

Harmonies

Analogous

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



224.5380, -24.9420, 0.4820



227.2020, -14.9480, 6.5880



228.9650, -0.9190, 11.1530

Triad

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



227.2020, -14.9480, 6.5880



228.7380, 24.3450, 4.8330



223.2660, -12.9730, -12.6930

Complementary

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



227.2020, -14.9480, 6.5880



244.7980, 14.9480, -6.5880

Split Complementary

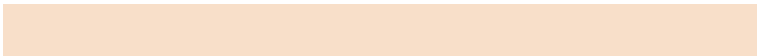
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.7360, 0.3230, -11.3650



227.2020, -14.9480, 6.5880



227.9670, 21.9620, -1.5420

Square

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



227.2020, -14.9480, 6.5880



229.7470, 20.1260, 9.7100



226.2000, 13.7560, -7.0120



222.5730, -24.0230, -10.6710

Rectangle

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



227.2020, -14.9480, 6.5880



229.9830, 7.8380, 12.1420



226.2000, 13.7560, -7.0120



223.7180, -8.4340, -12.3540

Sweetspot

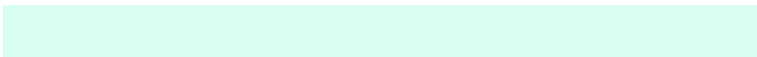
The Sweet Spot groups the original color and five complimentary colors.



227.2020, -14.9480, 6.5880



247.3140, -3.7600, 2.0640



242.4980, -19.4380, -11.1660



122.9720, -2.7970, 1.1310



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.



227.2020, -14.9480, 6.5880



221.2880, -18.0660, 8.0300



224.0230, -6.8340, 13.7260



118.2430, -4.9980, 2.4740



51.1240, -75.0610, 33.2510



17.2750, -25.2190, 11.0130

Inverse Universe

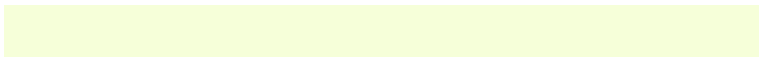
The Inverse Universe completely reimagines the original color for something new.



229.5020, 19.4380, 11.1660



224.1220, 23.5640, 13.4840



247.9770, 6.8340, -13.7260



119.2290, 6.7850, 3.6890



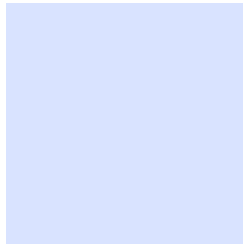
62.8090, 97.7860, 56.0420



21.0740, 32.6870, 18.8550

Previews

White Background



This preview shows how the YIQ color 227.2020, -14.9480, 6.5880 looks on a white background.

Color Contrast Check

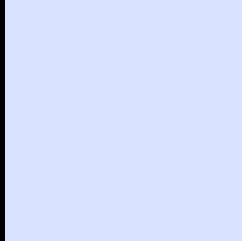
Large Text (above 18pt) WCAG AA × Fail

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 227.2020, -14.9480, 6.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

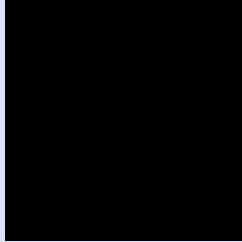
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.2020, -14.9480, 6.5880

Background



This preview shows how black text looks on a background with the YIQ color 227.2020, -14.9480, 6.5880.



This preview shows how white text looks on a background with the YIQ color 227.2020, -14.9480,

6.5880.

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

227.2020, -14.9480, 6.5880

Protanopia

227.7080, -10.5010, 8.5950

Deuteranopia

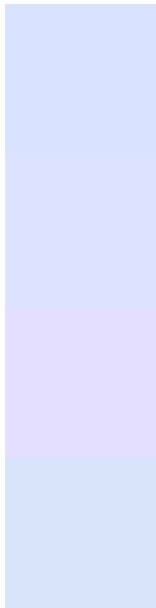
229.0620, -2.5700, 13.5420



Tritanopia

226.2790, -13.8470, 3.1530

Trichromacy



Original Color

227.2020, -14.9480, 6.5880

Protanomaly

227.6970, -11.9680, 7.6480

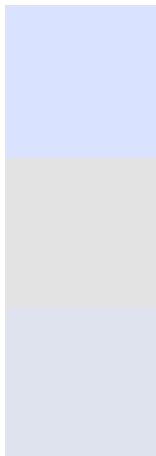
Deuteranomaly

228.1430, -7.2920, 11.0120

Tritanomaly

226.9200, -14.2140, 4.2980

Monochromacy



Original Color

227.2020, -14.9480, 6.5880

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.9440, -5.5940, 2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.2020, -14.9480, 6.5880 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(217, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 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(217, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 255) }
```

Border

The CSS property to change the border of an element to YIQ 227.2020, -14.9480, 6.5880 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(217, 227, 255) }
```


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

```
.border{ border-color:rgb(217, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 227.2020, -14.9480, 6.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 227, 255) }
```

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

```
.background{ background-color: rgb(217,  
227, 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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