

Converting Colors

YIQ(223.9900, -20.4030, 0.8210)

Have a look what the booklet for
YIQ(223.9900, -20.4030, 0.8210)
contains.

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Color

**YIQ(223.9900, -20.4030,
0.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE5F8
RGB	205, 229, 248
RGB Percent	80%, 90%, 97%
CMY	0.1961, 0.1019, 0.0275
CMYK	0.17, 0.08, 0.00, 0.03
HSL	206°, 75%, 89%
HSV	206°, 17%, 97%
XYZ	70.1353, 75.7975, 99.7210
YIQ	223.9900, -20.4030, 0.8210

Conversions

Conversions Part 2

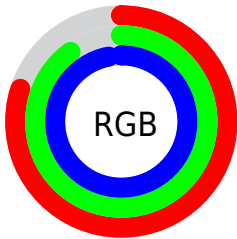
Format	Color
R _Y B	205, 220, 248
Decimal	13493752
CIE Lab	89.77, -4.06, -11.87
CIE LCh	90, 12.547, 251.116
Yxy	75.7975, 0.2855, 0.3086
Android (android.graphics.Color)	4291683832 (0xFFCDE5F8)
YUV	223.9900, 11.8369, -16.6542
Hunter-Lab	87.0618, -8.5620, -6.9678

Details

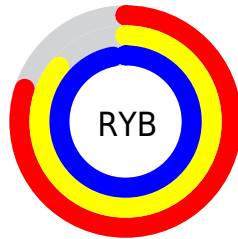
The YIQ color $223.9900, -20.4030, 0.8210$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $229.0100, 20.4030, -0.8210$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.8760, -20.0820, 0.5100$ is the 20% darker color. If you saturate the color by 10%, you get $210.0580, -32.2780, 1.2740$, and if you desaturate by 10%, it is $237.9220, -8.5280, 0.3680$.

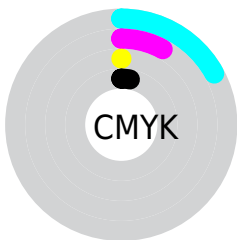
Distribution



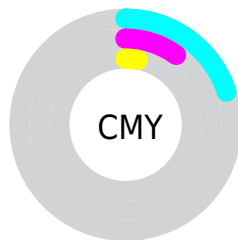
- Red (80%)
- Green (90%)
- Blue (97%)



- Red (80%)
- Yellow (86%)
- Blue (97%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.9900, -20.4030, 0.8210 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 223.9900, -20.4030, 0.8210 by changing the saturation by 10% instead.

■ 223.9900,
-20.4030, 0.8210

■ 223.9900,
-20.4030, 0.8210

255.0000, -0.0000,
-0.0000

■ 195.8760,
-20.0820, 0.5100

■ 168.8760,
-20.0820, 0.5100

■ 142.0610,
-19.1650, 0.4110

■ 116.3600,
-18.5690, 0.6230

■ 91.9470, -18.8440,
0.1000

■ 68.1320, -17.9270,
0.0010

■ 45.1320, -17.9270,

0.0010

■ 23.1210, -19.3940,
-0.9460

■ 3.2090, -7.6580,
6.6300

■ 223.9900,
-20.4030, 0.8210

■ 223.9900,
-20.4030, 0.8210

■ 210.0580,
-32.2780, 1.2740

■ 237.9220, -8.5280,
0.3680

■ 196.1260,
-44.1530, 1.7270

■ 251.8540, 3.3470,
-0.0850

■ 182.4930,
-55.4320, 2.3920

■ 254.2020, 2.2470,
-2.1770

■ 168.5610,
-67.3070, 2.8450

■ 154.6290,
-79.1820, 3.2980

■ 140.6970,
-91.0570, 3.7510

■ 126.7650,
-102.9320, 4.2040

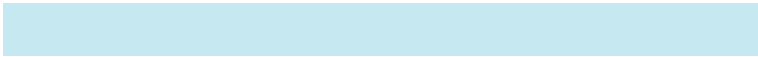
■ 113.7190,
-114.4860, 4.3460

■ 109.8650,
-117.8330, 4.4310

Harmonies

Analogous

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



222.5610, -23.7490, -4.6210



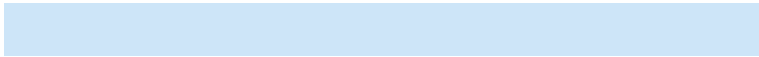
223.9900, -20.4030, 0.8210



225.9420, -11.2800, 6.1920

Triad

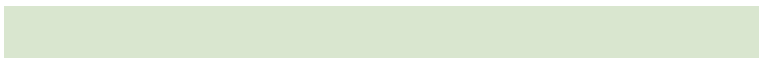
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.9900, -20.4030, 0.8210



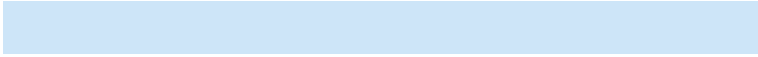
228.3230, 18.3840, 8.2400



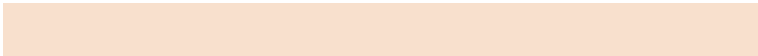
223.4910, -0.3650, -9.9090

Complementary

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



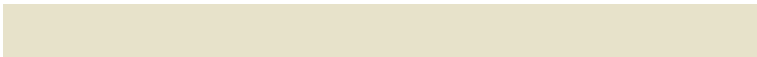
223.9900, -20.4030, 0.8210



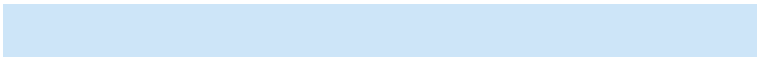
229.0100, 20.4030, -0.8210

Split Complementary

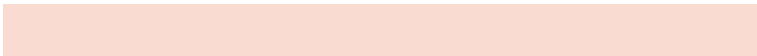
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.7590, 10.6840, -6.4040



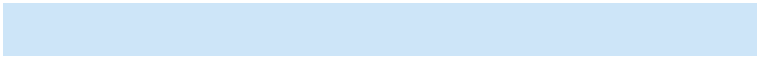
223.9900, -20.4030, 0.8210



227.2430, 21.3650, 3.7730

Square

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



223.9900, -20.4030, 0.8210



227.8970, 10.9560, 10.7000



226.1130, 18.6150, -1.4570



222.3310, -11.5980, -10.0780

Rectangle

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



223.9900, -20.4030, 0.8210



227.4160, -3.8070, 8.4250



226.1130, 18.6150, -1.4570



224.1710, 3.5320, -8.9480

Sweetspot

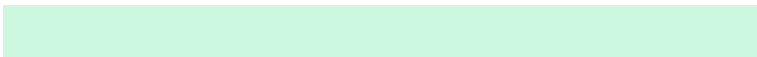
The Sweet Spot groups the original color and five complimentary colors.



223.9900, -20.4030, 0.8210



247.5910, -6.0980, 0.3820



232.4070, -17.9240, -16.5800



123.2600, -3.6680, 0.3960



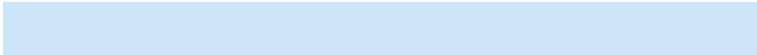
0.0000, 0.0000, 0.0000



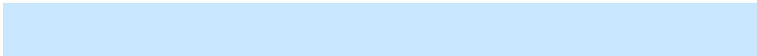
128.0000, -0.0000, -0.0000

Same Dimension

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



223.9900, -20.4030, 0.8210



224.7660, -25.5840, 1.1040



211.6630, -14.6280, 11.8040



117.5910, -6.0980, 0.3820



83.1810, -89.5440, 3.8640



26.9120, -28.9310, 1.1890

Inverse Universe

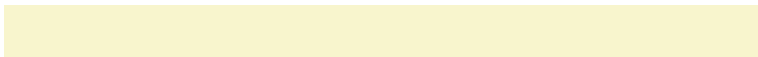
The Inverse Universe completely reimagines the original color for something new.



220.5930, 17.9240, 16.5800



220.5660, 22.5540, 20.7780



241.3370, 14.6280, -11.8040



116.6850, 5.5010, 4.9330



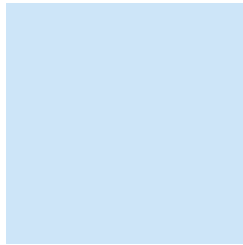
68.4810, 78.9390, 72.7230



22.1150, 25.4420, 23.5060

Previews

White Background



This preview shows how the YIQ color 223.9900, -20.4030, 0.8210 looks on a white background.

Color Contrast Check

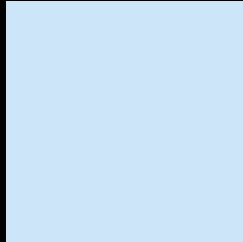
Large Text (above 18pt) WCAG AA × Fail

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 223.9900, -20.4030, 0.8210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

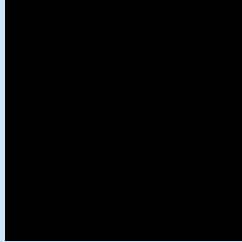
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

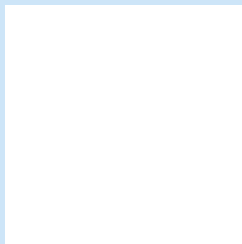
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.9900, -20.4030, 0.8210

Background



This preview shows how black text looks on a background with the YIQ color 223.9900, -20.4030, 0.8210.



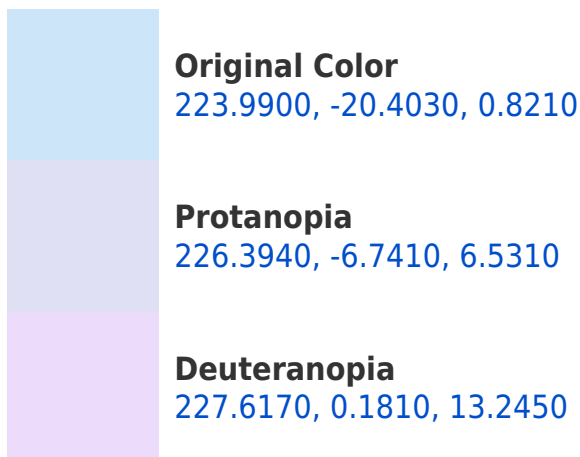
This preview shows how white text looks on a background with the YIQ color 223.9900, -20.4030,

0.8210.

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

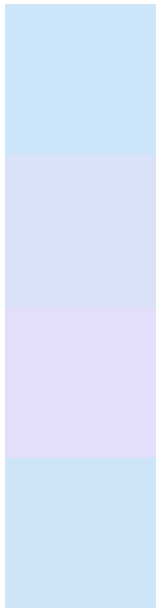




Tritanopia

223.8760, -20.0820, 0.5100

Trichromacy



Original Color

223.9900, -20.4030, 0.8210

Protanomaly

225.5890, -11.7840, 4.3120

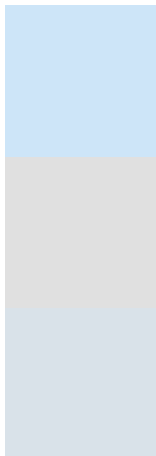
Deuteranomaly

226.5620, -7.1540, 8.5100

Tritanomaly

223.8760, -20.0820, 0.5100

Monochromacy



Original Color

223.9900, -20.4030, 0.8210

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.1070, -7.6110, 0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.9900, -20.4030, 0.8210 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(205, 229, 248)` looks like.

```
.text, #text, p{  
    color:rgb(205, 229, 248)  
}
```

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(205, 229, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 229, 248) }
```

Border

The CSS property to change the border of an element to YIQ 223.9900, -20.4030, 0.8210 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(205, 229, 248) }
```


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

```
.border{ border-color:rgb(205, 229, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 229, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 229, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 229, 248);  
box-shadow:4px 4px 4px 4px rgb(205, 229,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 223.9900, -20.4030, 0.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 229, 248) }
```

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

```
.background{ background-color: rgb(205,  
229, 248) }
```

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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