

Converting Colors

YIQ(200.1230, -21.7350,
13.9530)

Have a look what the booklet for
YIQ(200.1230, -21.7350, 13.9530)
contains.

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Color

**YIQ(200.1230, -21.7350,
13.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC5F8
RGB	188, 197, 248
RGB Percent	74%, 77%, 97%
CMY	0.2627, 0.2274, 0.0276
CMYK	0.24, 0.21, 0.00, 0.03
HSL	231°, 81%, 85%
HSV	231°, 24%, 97%
XYZ	57.6451, 57.4013, 96.8222
YIQ	200.1230, -21.7350, 13.9530

Conversions

Conversions Part 2

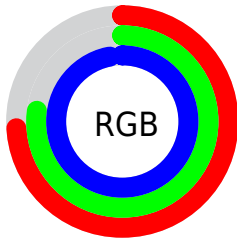
Format	Color
R_{YB}	188, 196, 248
Decimal	12371448
CIE _{Lab}	80.40, 7.69, -26.11
CIE _{LCh}	80, 27.219, 286.419
Yxy	57.4013, 0.2721, 0.2709
Android (android.graphics.Color)	4290561528 (0xFFBCC5F8)
YUV	200.1230, 23.6034, -10.6319
Hunter-Lab	75.7636, 3.2262, -22.7351

Details

The YIQ color $200.1230, -21.7350, 13.9530$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $235.8770, 21.7350, -13.9530$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.4230, -5.6850, -1.5970$, and $145.7810, -20.7720, 13.0200$ is the 20% darker color. If you saturate the color by 10%, you get $180.3210, -30.8600, 19.6360$, and if you desaturate by 10%, it is $219.9250, -12.6100, 8.2700$.

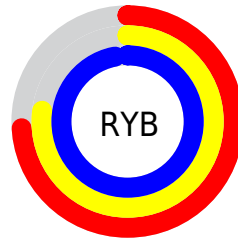
Distribution



Red (74%)

Green (77%)

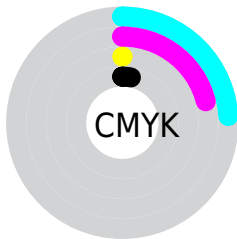
Blue (97%)



Red (74%)

Yellow (77%)

Blue (97%)

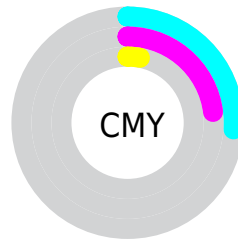


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (26%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.1230, -21.7350, 13.9530 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 200.1230, -21.7350, 13.9530 by changing the saturation by 10% instead.

■ 200.1230,
-21.7350, 13.9530

■ 200.1230,
-21.7350, 13.9530

■ 255.0000, -0.0000,
-0.0000

■ 172.5960,
-21.6890, 13.1190

■ 251.4230, -5.6850,
-1.5970

■ 145.7810,
-20.7720, 13.0200

■ 120.2540,
-20.7260, 12.1860

■ 94.8410, -21.0010,
11.6630

■ 70.9010, -21.2300,
10.3060

■ 47.7760, -22.3760,
9.0480

■ 24.3410, -25.5850,

6.6310

■ 4.7880, -13.4820,
13.0620

■ 2.8670, -6.6950,
5.6970

■ 200.1230,
-21.7350, 13.9530

■ 200.1230,
-21.7350, 13.9530

■ 180.3210,
-30.8600, 19.6360

■ 219.9250,
-12.6100, 8.2700

■ 160.5190,
-39.9850, 25.3190

■ 239.7270, -3.4850,
2.5870

■ 141.0160,
-48.5140, 31.2140

■ 254.2020, 2.2470,
-2.1770

■ 121.2140,
-57.6390, 36.8970

■ 101.4120,
-66.7640, 42.5800

■ 81.6100, -75.8890,
48.2630

■ 61.2210, -84.7390,
54.4690

■ 49.9910, -89.7830,
57.7770

Harmonies

Analogous

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



194.3540, -44.7950, 2.3490



200.1230, -21.7350, 13.9530



203.2250, 4.5810, 21.6130

Triad

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



200.1230, -21.7350, 13.9530



201.4320, 42.8220, 5.8780



190.3020, -30.9900, -22.0780

Complementary

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



200.1230, -21.7350, 13.9530



235.8770, 21.7350, -13.9530

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.



193.7040, -5.8190, -21.2030



200.1230, -21.7350, 13.9530



199.5630, 34.6630, -5.9530

Square

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



200.1230, -21.7350, 13.9530



202.7990, 40.7110, 16.6070



196.7840, 17.5630, -15.4370



188.1720, -50.9350, -18.5430

Rectangle

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



200.1230, -21.7350, 13.9530



203.9510, 20.0320, 22.4320



196.7840, 17.5630, -15.4370



191.3800, -22.4620, -22.4460

Sweetspot

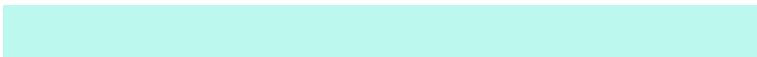
The Sweet Spot groups the original color and five complimentary colors.



200.1230, -21.7350, 13.9530



240.8130, -6.6030, 4.0290



228.9200, -32.5500, -15.8300



119.4280, -4.0810, 2.3750



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.



200.1230, -21.7350, 13.9530



195.8930, -26.7790, 17.2610



200.8200, -7.3400, 22.9000



114.6560, -4.7230, 2.9970



37.9820, -68.3690, 44.1350



12.2370, -22.0560, 14.2640

Inverse Universe

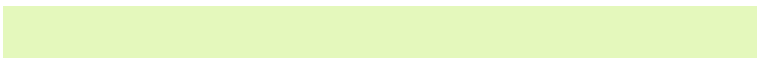
The Inverse Universe completely reimagines the original color for something new.



206.9660, 32.8710, 15.5190



204.3800, 40.5730, 19.1090



235.1800, 7.3400, -22.9000



116.1150, 7.1060, 3.3780



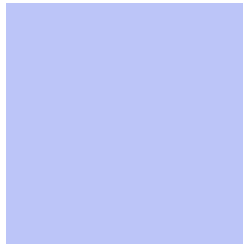
59.7030, 103.6560, 48.7760



19.2650, 33.4670, 15.7310

Previews

White Background



This preview shows how the YIQ color 200.1230, -21.7350, 13.9530 looks on a white background.

Color Contrast Check

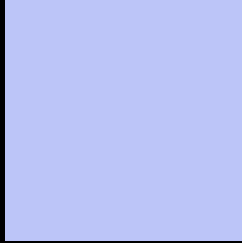
Large Text (above 18pt) WCAG AA × Fail

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 200.1230, -21.7350, 13.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

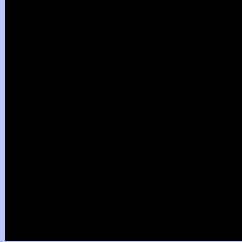
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.1230, -21.7350, 13.9530

Background



This preview shows how black text looks on a background with the YIQ color 200.1230, -21.7350, 13.9530.



This preview shows how white text looks on a background with the YIQ color 200.1230, -21.7350,

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

200.1230, -21.7350, 13.9530

Protanopia

199.8240, -22.3310, 13.7410

Deuteranopia

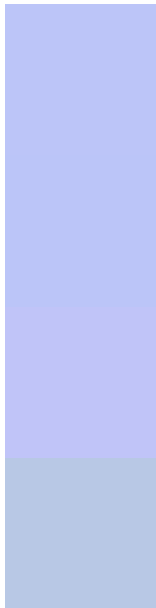
200.7430, -17.6090, 16.2710



Tritanopia

197.8440, -17.0560, 0.7360

Trichromacy



Original Color

200.1230, -21.7350, 13.9530

Protanomaly

199.8240, -22.3310, 13.7410

Deuteranomaly

200.7320, -19.0760, 15.3240

Tritanomaly

198.5220, -18.8450, 5.6270

Monochromacy



Original Color

200.1230, -21.7350, 13.9530

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.1550, -7.5660, 4.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.1230, -21.7350, 13.9530 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(188, 197, 248)` looks like.

```
.text, #text, p{  
    color:rgb(188, 197, 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(188, 197, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 197, 248) }
```

Border

The CSS property to change the border of an element to YIQ 200.1230, -21.7350, 13.9530 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(188, 197, 248) }
```


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

```
.border{ border-color:rgb(188, 197, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 197, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 197, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 197, 248);  
box-shadow:4px 4px 4px 4px rgb(188, 197,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 200.1230, -21.7350, 13.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 197, 248) }
```

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

```
.background{ background-color: rgb(188,  
197, 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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