

Converting Colors

YIQ(200.5320, -6.4690, 23.6350)

Have a look what the booklet for
YIQ(200.5320, -6.4690, 23.6350)
contains.

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Color

**YIQ(200.5320, -6.4690,
23.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BBF8
RGB	209, 187, 248
RGB Percent	82%, 73%, 97%
CMY	0.1803, 0.2667, 0.0275
CMYK	0.16, 0.25, 0.00, 0.03
HSL	262°, 81%, 85%
HSV	262°, 25%, 97%
XYZ	61.0098, 55.8716, 96.3605
YIQ	200.5320, -6.4690, 23.6350

Conversions

Conversions Part 2

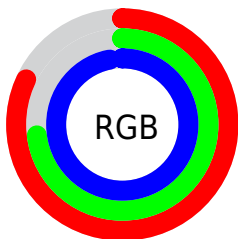
Format	Color
R _Y B	209, 187, 248
Decimal	13745144
CIE Lab	79.54, 19.50, -27.29
CIE LCh	80, 33.542, 305.541
Yxy	55.8716, 0.2861, 0.2620
Android (android.graphics.Color)	4291935224 (0xFFD1BBF8)
YUV	200.5320, 23.4017, 7.4264
Hunter-Lab	74.7473, 14.8864, -24.1106

Details

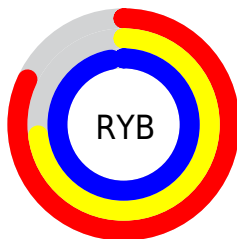
The YIQ color $200.5320, -6.4690, 23.6350$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $234.4680, 6.4690, -23.6350$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.9560, 3.3000, 6.2760$, and $146.4780, -6.3770, 21.9670$ is the 20% darker color. If you saturate the color by 10%, you get $181.0730, -9.1300, 33.3180$, and if you desaturate by 10%, it is $219.9910, -3.8080, 13.9520$.

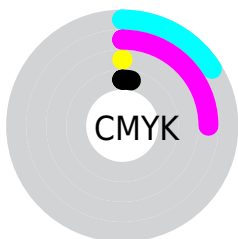
Distribution



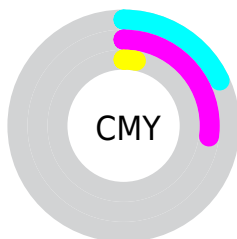
- Red (82%)
- Green (73%)
- Blue (97%)



- Red (82%)
- Yellow (73%)
- Blue (97%)



- Cyan (16%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.5320, -6.4690, 23.6350 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 200.5320, -6.4690, 23.6350 by changing the saturation by 10% instead.

■ 200.5320, -6.4690,
23.6350

■ 200.5320, -6.4690,
23.6350

■ 255.0000, -0.0000,
-0.0000

■ 173.0050, -6.4230,
22.8010

■ 247.9560, 3.3000,
6.2760

■ 146.4780, -6.3770,
21.9670

■ 120.3640, -6.0560,
21.6560

■ 95.5380, -6.6060,
20.6100

■ 71.5980, -6.8350,
19.2530

■ 48.6580, -7.0640,
17.8960

■ 26.5330, -8.2100,

16.6380

■ 7.7780, -7.5220,
15.1820

■ 2.8670, -6.6950,
5.6970

■ 200.5320, -6.4690,
23.6350

■ 200.5320, -6.4690,
23.6350

■ 181.0730, -9.1300,
33.3180

■ 219.9910, -3.8080,
13.9520

■ 161.6140,
-11.7910, 43.0010

■ 239.4500, -1.1470,
4.2690

■ 143.0410,
-14.1310, 52.3730

■ 254.2020, 2.2470,
-2.1770

■ 123.5820,
-16.7920, 62.0560

■ 104.1230,
-19.4530, 71.7390

■ 84.6640, -22.1140,
81.4220

■ 65.2050, -24.7750,
91.1050

■ 55.1820, -25.9680,
96.2080

Harmonies

Analogous

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



194.6310, -37.9650, 10.7310



200.5320, -6.4690, 23.6350



202.3800, 23.3780, 27.8740

Triad

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



200.5320, -6.4690, 23.6350



197.3150, 47.2250, -2.3350



181.5360, -58.1320, -25.7800

Complementary

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



200.5320, -6.4690, 23.6350



234.4680, 6.4690, -23.6350

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.



186.5810, -27.6420, -27.6900



200.5320, -6.4690, 23.6350



194.7160, 29.4380, -15.8900

Square

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



200.5320, -6.4690, 23.6350



198.6120, 51.3030, 11.8710



190.9730, 3.4890, -24.6950



180.1830, -75.8310, -18.8950

Rectangle

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



200.5320, -6.4690, 23.6350



201.5250, 38.9670, 26.1910



190.9730, 3.4890, -24.6950



183.2720, -48.6410, -27.0810

Sweetspot

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



200.5320, -6.4690, 23.6350



241.1450, -1.6060, 7.0820



217.4340, -30.5810, -1.9490



119.4500, -1.1470, 4.2690



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.



200.5320, -6.4690, 23.6350



195.7370, -8.3040, 29.3600



209.5020, 11.4110, 29.9950



114.9770, -1.1930, 5.1030



41.8780, -20.1410, 73.1950



13.5320, -6.4690, 23.6350

Inverse Universe

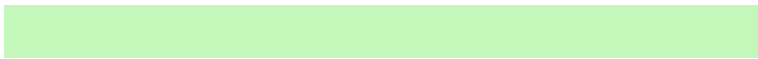
The Inverse Universe completely reimagines the original color for something new.



209.6850, 23.8370, 25.0610



207.1960, 29.8880, 31.0400



225.4980, -11.4110, -29.9950



116.7990, 5.1800, 5.2440



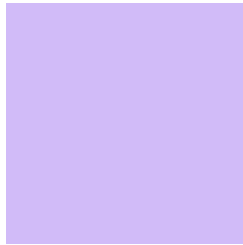
70.3050, 73.8030, 77.6990



22.6850, 23.8370, 25.0610

Previews

White Background



This preview shows how the YIQ color 200.5320, -6.4690, 23.6350 looks on a white background.

Color Contrast Check

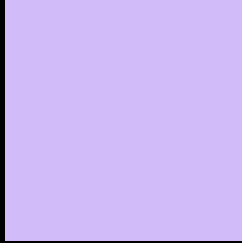
Large Text (above 18pt) WCAG AA × Fail

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 200.5320, -6.4690, 23.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

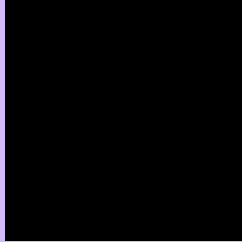
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.5320, -6.4690, 23.6350

Background



This preview shows how black text looks on a background with the YIQ color 200.5320, -6.4690, 23.6350.



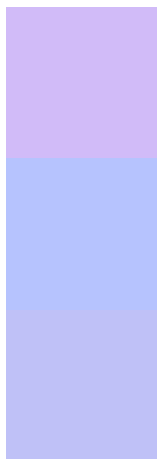
This preview shows how white text looks on a background with the YIQ color 200.5320, -6.4690,

23.6350.

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

200.5320, -6.4690, 23.6350

Protanopia

197.8390, -26.6870, 15.5930

Deuteranopia

198.5580, -18.5260, 16.3700



Tritanopia

198.1020, -0.0470, 6.3610

Trichromacy



Original Color

200.5320, -6.4690, 23.6350

Protanomaly

198.8400, -19.2600, 18.6600

Deuteranomaly

199.4770, -13.8040, 18.9000

Tritanomaly

198.8340, -1.9280, 12.9200

Monochromacy



Original Color

200.5320, -6.4690, 23.6350

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9000, -2.2940, 8.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5320, -6.4690, 23.6350 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(209, 187, 248)` looks like.

```
.text, #text, p{  
    color:rgb(209, 187, 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(209, 187, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 187, 248) }
```

Border

The CSS property to change the border of an element to YIQ 200.5320, -6.4690, 23.6350 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(209, 187, 248) }
```


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

```
.border{ border-color:rgb(209, 187, 248) }
```

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

Here you see how a box with a 4 pixel rgb(209, 187, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 187, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 187, 248);  
box-shadow:4px 4px 4px 4px rgb(209, 187,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5320, -6.4690, 23.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 187, 248) }
```

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

```
.background{ background-color: rgb(209,  
187, 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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