

Converting Colors

YIQ(203.4940, -21.6420, 6.7580)

Have a look what the booklet for
YIQ(203.4940, -21.6420, 6.7580)
contains.

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Color

**YIQ(203.4940, -21.6420,
6.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCDEF
RGB	187, 205, 239
RGB Percent	73%, 80%, 94%
CMY	0.2667, 0.1960, 0.0629
CMYK	0.22, 0.14, 0.00, 0.06
HSL	219°, 62%, 84%
HSV	219°, 22%, 94%
XYZ	57.9011, 60.4607, 90.2576
YIQ	203.4940, -21.6420, 6.7580

Conversions

Conversions Part 2

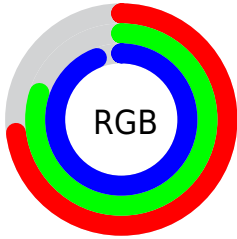
Format	Color
R _Y B	187, 200, 239
Decimal	12307951
CIE Lab	82.09, 1.06, -18.76
CIE LCh	82, 18.789, 273.247
Yxy	60.4607, 0.2775, 0.2898
Android (android.graphics.Color)	4290498031 (0xFFBBCDEF)
YUV	203.4940, 17.5045, -14.4652
Hunter-Lab	77.7565, -3.1545, -14.3926

Details

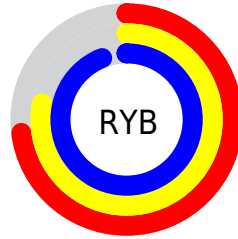
The YIQ color $203.4940, -21.6420, 6.7580$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $222.5060, 21.6420, -6.7580$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $251.7110, -6.5560, -2.3320$, and $149.2660, -21.0000, 6.1360$ is the 20% darker color. If you saturate the color by 10%, you get $186.9260, -31.5460, 10.0380$, and if you desaturate by 10%, it is $220.0620, -11.7380, 3.4780$.

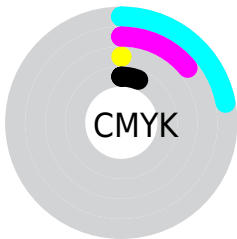
Distribution



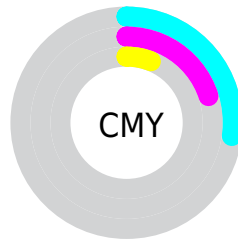
- Red (73%)
- Green (80%)
- Blue (94%)



- Red (73%)
- Yellow (78%)
- Blue (94%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.4940, -21.6420, 6.7580 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 203.4940, -21.6420, 6.7580 by changing the saturation by 10% instead.

■ 203.4940,
-21.6420, 6.7580

■ 203.4940,
-21.6420, 6.7580

■ 255.0000, -0.0000,
-0.0000

■ 176.3800,
-21.3210, 6.4470

■ 251.7110, -6.5560,
-2.3320

■ 149.2660,
-21.0000, 6.1360

■ 123.1520,
-20.6790, 5.8250

■ 98.0380, -20.3580,
5.5140

■ 73.9240, -20.0370,
5.2030

■ 51.0980, -20.5870,
4.1570

■ 28.2610, -22.6040,

2.1640

■ 9.3870, -14.0310,
6.4890

■ 1.3680, -3.8520,
3.7320

■ 203.4940,
-21.6420, 6.7580

■ 203.4940,
-21.6420, 6.7580

■ 186.9260,
-31.5460, 10.0380

■ 220.0620,
-11.7380, 3.4780

■ 170.9450,
-41.7250, 12.7950

■ 236.0430, -1.5590,
0.7210

■ 154.3770,
-51.6290, 16.0750

■ 251.4150, 5.9610,
-3.4070

■ 138.3960,
-61.8080, 18.8320

■ 253.1760, 5.1360,
-4.9760

■ 122.1270,
-71.1160, 22.3240

■ 105.5590,
-81.0200, 25.6040

■ 89.5780, -91.1990,
28.3610

■ 75.9670, -99.5440,
30.9200

Harmonies

Analogous

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



199.9930, -33.6530, -1.3410



203.4940, -21.6420, 6.7580



206.2790, -4.6790, 13.2170

Triad

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



203.4940, -21.6420, 6.7580



206.5540, 30.8550, 7.9990



199.3860, -13.4310, -15.4070

Complementary

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



203.4940, -21.6420, 6.7580



222.5060, 21.6420, -6.7580

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.



201.1230, 3.4870, -13.6410



203.4940, -21.6420, 6.7580



205.3160, 28.2890, -0.5670

Square

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



203.4940, -21.6420, 6.7580



207.6060, 25.0770, 13.5970



203.5980, 18.3870, -8.3410



198.0130, -28.3780, -14.3460

Rectangle

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



203.4940, -21.6420, 6.7580



206.7920, 7.0580, 15.2660



203.5980, 18.3870, -8.3410



200.0230, -7.9750, -15.1670

Sweetspot

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



203.4940, -21.6420, 6.7580



242.5740, -7.4280, 2.4600



221.4000, -25.2140, -16.6220



120.6020, -4.6310, 1.3290



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.



203.4940, -21.6420, 6.7580



210.0250, -27.5110, 8.4970



195.3200, -11.9240, 17.8680



111.7160, -4.9520, 1.6400



58.5440, -76.6640, 23.7520



17.5370, -23.2010, 7.4790

Inverse Universe

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



204.6000, 25.2140, 16.6220



211.3560, 31.9530, 21.1450



230.6800, 11.9240, -17.8680



112.0440, 5.8680, 3.7880



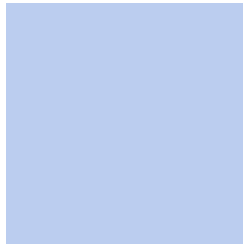
62.3120, 89.1200, 58.9120



18.9100, 27.2770, 17.7810

Previews

White Background



This preview shows how the YIQ color 203.4940, -21.6420, 6.7580 looks on a white background.

Color Contrast Check

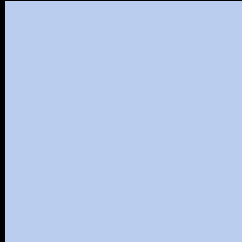
Large Text (above 18pt) WCAG AA × Fail

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 203.4940, -21.6420, 6.7580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

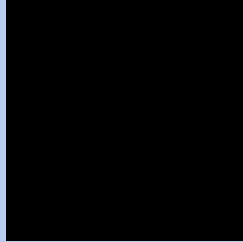
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

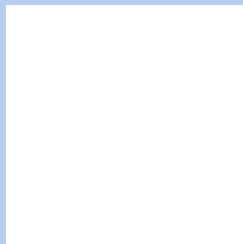
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 203.4940, -21.6420, 6.7580

Background



This preview shows how black text looks on a background with the YIQ color 203.4940, -21.6420, 6.7580.



This preview shows how white text looks on a background with the YIQ color 203.4940, -21.6420,

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

203.4940, -21.6420, 6.7580

Protanopia

204.4950, -14.2150, 9.8250

Deuteranopia

205.7670, -8.9890, 14.2350



Tritanopia

202.6480, -19.4400, -0.1120

Trichromacy



Original Color

203.4940, -21.6420, 6.7580

Protanomaly

204.0000, -17.1950, 8.7650

Deuteranomaly

204.8480, -13.7110, 11.7050

Tritanomaly

202.9300, -20.1740, 2.1780

Monochromacy



Original Color

203.4940, -21.6420, 6.7580

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.2750, -8.0240, 2.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.4940, -21.6420, 6.7580 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(187, 205, 239)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 239)  
}
```

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(187, 205, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 239) }
```

Border

The CSS property to change the border of an element to YIQ 203.4940, -21.6420, 6.7580 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(187, 205, 239) }
```


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

```
.border{ border-color:rgb(187, 205, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 205, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 205, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 205, 239);  
box-shadow:4px 4px 4px 4px rgb(187, 205,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 203.4940, -21.6420, 6.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 239) }
```

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

```
.background{ background-color: rgb(187,  
205, 239) }
```

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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