

Converting Colors

YIQ(201.6160, -7.2460, 10.1780)

Have a look what the booklet for
YIQ(201.6160, -7.2460, 10.1780)
contains.

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Color

**YIQ(201.6160, -7.2460,
10.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5E3
RGB	201, 197, 227
RGB Percent	79%, 77%, 89%
CMY	0.2117, 0.2274, 0.1099
CMYK	0.11, 0.13, 0.00, 0.11
HSL	248°, 35%, 83%
HSV	248°, 13%, 89%
XYZ	57.9185, 57.8956, 80.7858
YIQ	201.6160, -7.2460, 10.1780

Conversions

Conversions Part 2

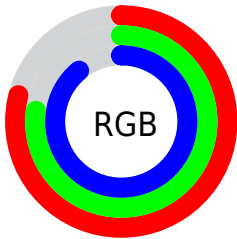
Format	Color
R _Y B	201, 197, 227
Decimal	13223395
CIE Lab	80.68, 7.17, -14.37
CIE LCh	81, 16.059, 296.527
Yxy	57.8956, 0.2946, 0.2945
Android (android.graphics.Color)	4291413475 (0xFFC9C5E3)
YUV	201.6160, 12.5143, -0.5402
Hunter-Lab	76.0892, 2.7169, -9.6873

Details

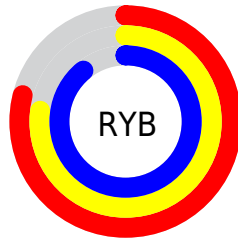
The YIQ color $201.6160, -7.2460, 10.1780$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $222.3840, 7.2460, -10.1780$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2750, 0.5230$, and $147.5020, -6.9250, 9.8670$ is the 20% darker color. If you saturate the color by 10%, you get $182.1350, -12.8410, 17.9670$, and if you desaturate by 10%, it is $221.0970, -1.6510, 2.3890$.

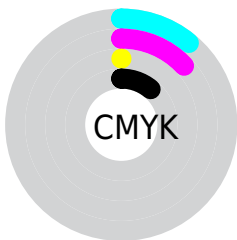
Distribution



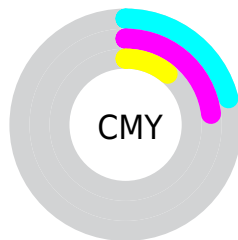
- Red (79%)
- Green (77%)
- Blue (89%)



- Red (79%)
- Yellow (77%)
- Blue (89%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.6160, -7.2460, 10.1780 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 201.6160, -7.2460, 10.1780 by changing the saturation by 10% instead.

■ 201.6160, -7.2460,
10.1780

■ 201.6160, -7.2460,
10.1780

255.0000, -0.0000,
-0.0000

■ 174.5020, -6.9250,
9.8670

254.4130, 0.2750,
0.5230

■ 147.5020, -6.9250,
9.8670

■ 121.9750, -6.8790,
9.0330

■ 96.8610, -6.5580,
8.7220

■ 73.4480, -6.8330,
8.1990

■ 50.3340, -6.5120,
7.8880

■ 29.1060, -5.8700,

7.2660

■ 4.6870, -6.0080,
9.7680

■ 0.0000, 0.0000,
0.0000

■ 201.6160, -7.2460,
10.1780

■ 201.6160, -7.2460,
10.1780

■ 182.1350,
-12.8410, 17.9670

■ 221.0970, -1.6510,
2.3890

■ 163.5400,
-18.1150, 25.4450

■ 239.6920, 3.6230,
-5.0890

■ 144.0590,
-23.7100, 33.2340

■ 251.8080, 8.9880,
-8.7080

■ 124.5780,
-29.3050, 41.0230

■ 105.9830,
-34.5790, 48.5010

■ 86.5020, -40.1740,
56.2900

■ 67.0210, -45.7690,
64.0790

■ 47.8390, -50.7680,
72.0800

■ 34.8480, -54.9870,
76.9570

Harmonies

Analogous

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



199.2120, -20.9080, 4.4680



201.6160, -7.2460, 10.1780



203.2110, 7.1960, 12.7640

Triad

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



201.6160, -7.2460, 10.1780



201.8150, 25.4460, 1.3980



195.1880, -21.5010, -12.3250

Complementary

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



201.6160, -7.2460, 10.1780



222.3840, 7.2460, -10.1780

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.



196.4900, -7.7920, -12.9760



201.6160, -7.2460, 10.1780



200.2930, 17.9280, -5.5280

Square

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



201.6160, -7.2460, 10.1780



202.8030, 25.7200, 7.4480



198.0850, 6.6500, -10.3900



195.1040, -29.8920, -8.9320

Rectangle

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



201.6160, -7.2460, 10.1780



203.7020, 15.9990, 12.9190



198.0850, 6.6500, -10.3900



195.8140, -17.5120, -13.0320

Sweetspot

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



201.6160, -7.2460, 10.1780



246.4390, -2.6140, 3.3220



215.6820, -16.7800, -4.2680



122.0970, -1.6510, 2.3890



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.



201.6160, -7.2460, 10.1780



220.4680, -9.5850, 14.0230



206.1010, 1.6940, 13.3580



104.9660, -2.6600, 4.1560



27.5820, -43.1550, 60.7570



7.9070, -12.1990, 17.3450

Inverse Universe

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



208.9340, 9.5340, 14.4460



230.3630, 12.8800, 19.8880



217.8990, -1.6940, -13.3580



107.7280, 3.9420, 5.6540



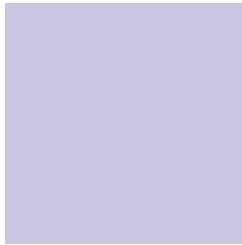
71.1910, 56.9290, 86.1530



20.2650, 16.2720, 24.4960

Previews

White Background



This preview shows how the YIQ color 201.6160, -7.2460, 10.1780 looks on a white background.

Color Contrast Check

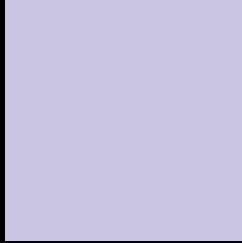
Large Text (above 18pt) WCAG AA × Fail

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 201.6160, -7.2460, 10.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

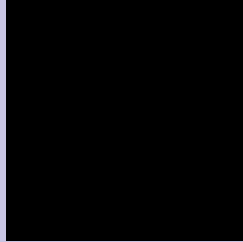
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.6160, -7.2460, 10.1780

Background



This preview shows how black text looks on a background with the YIQ color 201.6160, -7.2460, 10.1780.



This preview shows how white text looks on a background with the YIQ color 201.6160, -7.2460,

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

201.6160, -7.2460, 10.1780

Protanopia

201.1100, -11.6930, 8.1710

Deuteranopia

202.2360, -3.1200, 12.4960



Tritanopia

200.8240, -5.1360, 4.9760

Trichromacy



Original Color

201.6160, -7.2460, 10.1780

Protanomaly

201.1210, -10.2260, 9.1180

Deuteranomaly

202.2250, -4.5870, 11.5490

Tritanomaly

200.9920, -5.5490, 6.9550

Monochromacy



Original Color

201.6160, -7.2460, 10.1780

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.8520, -2.3390, 3.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.6160, -7.2460, 10.1780 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(201, 197, 227)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 227)  
}
```

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(201, 197, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 227) }
```

Border

The CSS property to change the border of an element to YIQ 201.6160, -7.2460, 10.1780 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(201, 197, 227) }
```


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

```
.border{ border-color:rgb(201, 197, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 227);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 201.6160, -7.2460, 10.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 227) }
```

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

```
.background{ background-color: rgb(201,  
197, 227) }
```

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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