

Converting Colors

YIQ(201.7980, 6.9210, 12.2410)

Have a look what the booklet for
YIQ(201.7980, 6.9210, 12.2410)
contains.

YIQ(201.7980, 6.9210, 12.2410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(201.7980, 6.9210,
12.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C0D7
RGB	216, 192, 215
RGB Percent	85%, 75%, 84%
CMY	0.1529, 0.2471, 0.1568
CMYK	0.00, 0.11, 0.00, 0.15
HSL	303°, 24%, 80%
HSV	303°, 11%, 85%
XYZ	59.4378, 57.2030, 72.2002
YIQ	201.7980, 6.9210, 12.2410

Conversions

Conversions Part 2

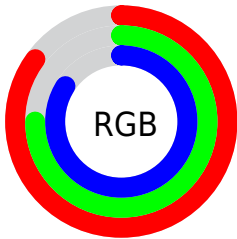
Format	Color
R _Y B	216, 192, 215
Decimal	14205143
CIE Lab	80.29, 12.52, -8.38
CIE LCh	80, 15.062, 326.193
Yxy	57.2030, 0.3148, 0.3029
Android (android.graphics.Color)	4292395223 (0xFFD8C0D7)
YUV	201.7980, 6.5086, 12.4552
Hunter-Lab	75.6327, 7.9214, -3.6564

Details

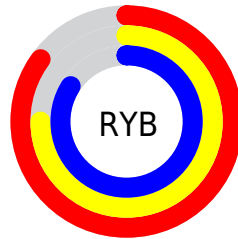
The YIQ color $201.7980, 6.9210, 12.2410$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $206.2020, -6.9210, -12.2410$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 1.9250, 3.6610$, and $147.3850, 6.6460, 11.7180$ is the 20% darker color. If you saturate the color by 10%, you get $188.7700, 13.2920, 23.4360$, and if you desaturate by 10%, it is $214.8260, 0.5500, 1.0460$.

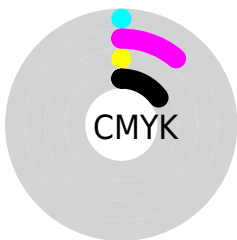
Distribution



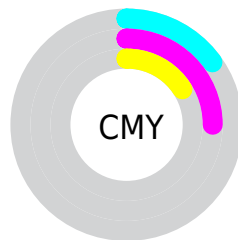
- Red (85%)
- Green (75%)
- Blue (84%)



- Red (85%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.7980, 6.9210, 12.2410 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 201.7980, 6.9210, 12.2410 by changing the saturation by 10% instead.

■ 201.7980, 6.9210,
12.2410

■ 201.7980, 6.9210,
12.2410

255.0000, -0.0000,
-0.0000

■ 174.3850, 6.6460,
11.7180

■ 250.8910, 1.9250,
3.6610

■ 147.3850, 6.6460,
11.7180

■ 121.9720, 6.3710,
11.1950

■ 96.6730, 5.7750,
10.9830

■ 73.2600, 5.5000,
10.4600

■ 50.7330, 5.5460,
9.6260

■ 29.1350, 4.3540,

9.2020

■ 8.4450, 6.4170,
10.3610

■ 0.0000, 0.0000,
0.0000

■ 201.7980, 6.9210,
12.2410

■ 201.7980, 6.9210,
12.2410

■ 188.7700, 13.2920,
23.4360

■ 214.8260, 0.5500,
1.0460

■ 176.3290, 19.3880,
34.1080

■ 227.2670, -5.5460,
-9.6260

■ 163.3010, 25.7590,
45.3030

■ 239.1210,
-11.3670, -19.7750

■ 150.8600, 31.8550,
55.9750

■ 239.2350,
-11.6880, -19.4640

137.8320, 38.2260,
67.1700

239.3490,
-12.0090, -19.1530

124.9180, 44.2760,
78.6760

239.4630,
-12.3300, -18.8420

112.4770, 50.3720,
89.3480

239.5770,
-12.6510, -18.5310

99.4490, 56.7430,
100.5430

239.6910,
-12.9720, -18.2200

88.1820, 62.2890,
110.1690

Harmonies

Analogous

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



200.3880, -6.6040, 9.5560



201.7980, 6.9210, 12.2410



202.3170, 18.5210, 11.2650

Triad

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



201.7980, 6.9210, 12.2410



199.1080, 17.0110, -5.4290



194.3000, -27.5080, -8.0840

Complementary

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



201.7980, 6.9210, 12.2410



206.2020, -6.9210, -12.2410

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.



194.1990, -20.0340, -11.3780



201.7980, 6.9210, 12.2410



197.3130, 6.0080, -9.7680

Square

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



201.7980, 6.9210, 12.2410



200.3310, 23.9330, 1.2850



195.9030, -7.5170, -12.4530



195.8750, -27.5090, -2.5570

Rectangle

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



201.7980, 6.9210, 12.2410



201.8890, 22.6020, 8.8900



195.9030, -7.5170, -12.4530



194.0290, -25.3070, -9.4270

Sweetspot

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



201.7980, 6.9210, 12.2410



250.3040, 2.2000, 4.1840



195.0350, -7.1080, 7.6760



124.3640, 1.9710, 2.8270



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.



201.7980, 6.9210, 12.2410



235.5150, 9.3960, 16.9480



200.4300, 10.7730, 8.5090



100.5430, 3.0250, 5.7530



69.8250, 49.2720, 87.2560



17.6450, 12.1460, 22.1780

Inverse Universe

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



201.7980, 6.9210, 12.2410



235.5150, 9.3960, 16.9480



207.5700, -10.7730, -8.5090



100.5430, 3.0250, 5.7530



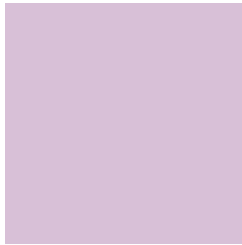
69.8250, 49.2720, 87.2560



17.6450, 12.1460, 22.1780

Previews

White Background



This preview shows how the YIQ color 201.7980, 6.9210, 12.2410 looks on a white background.

Color Contrast Check

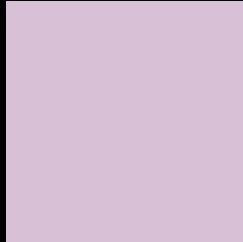
Large Text (above 18pt) WCAG AA × Fail

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 201.7980, 6.9210, 12.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

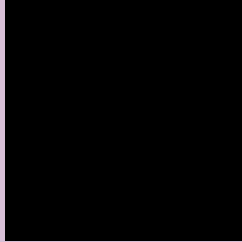
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.7980, 6.9210, 12.2410

Background



This preview shows how black text looks on a background with the YIQ color 201.7980, 6.9210, 12.2410.



This preview shows how white text looks on a background with the YIQ color 201.7980, 6.9210,

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

201.7980, 6.9210, 12.2410

Protanopia

200.0950, -7.3370, 6.3190

Deuteranopia

201.7760, 3.9870, 10.3470



Tritanopia

201.2880, 8.2970, 9.3290

Trichromacy



Original Color

201.7980, 6.9210, 12.2410

Protanomaly

200.9000, -2.2940, 8.5380

Deuteranomaly

201.4880, 4.8580, 11.0820

Tritanomaly

201.6300, 7.3340, 10.2620

Monochromacy



Original Color

201.7980, 6.9210, 12.2410

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.7980, 6.9210, 12.2410 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(216, 192, 215)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 215)  
}
```

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(216, 192, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 215) }
```

Border

The CSS property to change the border of an element to YIQ 201.7980, 6.9210, 12.2410 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(216, 192, 215) }
```


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

```
.border{ border-color:rgb(216, 192, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 215);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 201.7980, 6.9210, 12.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 215) }
```

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

```
.background{ background-color: rgb(216,  
192, 215) }
```

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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