

Converting Colors

YIQ(198.0290, 2.1970, 20.7650)

Have a look what the booklet for
YIQ(198.0290, 2.1970, 20.7650)
contains.

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Color

**YIQ(198.0290, 2.1970,
20.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B8E7
RGB	213, 184, 231
RGB Percent	84%, 72%, 91%
CMY	0.1646, 0.2785, 0.0941
CMYK	0.08, 0.20, 0.00, 0.09
HSL	277°, 49%, 81%
HSV	277°, 20%, 91%
XYZ	59.0086, 54.1950, 82.9467
YIQ	198.0290, 2.1970, 20.7650

Conversions

Conversions Part 2

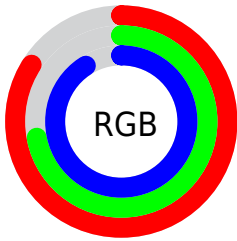
Format	Color
R _Y B	213, 184, 231
Decimal	14006503
CIE Lab	78.58, 18.89, -19.60
CIE LCh	79, 27.221, 313.945
Yxy	54.1950, 0.3008, 0.2763
Android (android.graphics.Color)	4292196583 (0xFFD5B8E7)
YUV	198.0290, 16.2547, 13.1296
Hunter-Lab	73.6172, 14.2483, -15.2717

Details

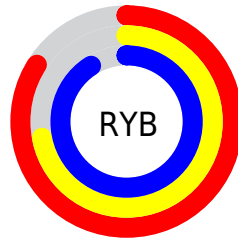
The YIQ color $198.0290, 2.1970, 20.7650$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $216.9710, -2.1970, -20.7650$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.1950, 4.1250, 7.8450$, and $144.0890, 1.9680, 19.4080$ is the 20% darker color. If you saturate the color by 10%, you get $181.8370, 3.1580, 30.8860$, and if you desaturate by 10%, it is $214.2210, 1.2360, 10.6440$.

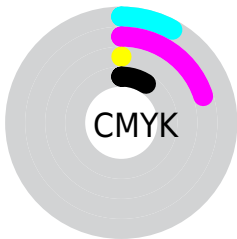
Distribution



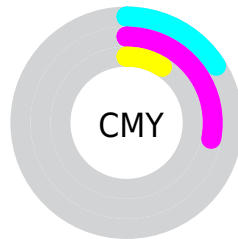
- Red (84%)
- Green (72%)
- Blue (91%)



- Red (84%)
- Yellow (72%)
- Blue (91%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.0290, 2.1970, 20.7650 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 198.0290, 2.1970, 20.7650 by changing the saturation by 10% instead.

■ 198.0290, 2.1970,
20.7650

■ 198.0290, 2.1970,
20.7650

■ 255.0000, -0.0000,
-0.0000

■ 170.6160, 1.9220,
20.2420

■ 246.1950, 4.1250,
7.8450

■ 144.0890, 1.9680,
19.4080

■ 118.6760, 1.6930,
18.8850

■ 93.2630, 1.4180,
18.3620

■ 69.7360, 1.4640,
17.5280

■ 46.9100, 0.9140,
16.4820

■ 25.0840, 0.3640,

15.4360

■ 7.3070, -1.8820,
12.0860

■ 0.0000, 0.0000,
0.0000

■ 198.0290, 2.1970,
20.7650

■ 198.0290, 2.1970,
20.7650

■ 181.8370, 3.1580,
30.8860

■ 214.2210, 1.2360,
10.6440

■ 165.6450, 4.1190,
41.0070

■ 230.4130, 0.2750,
0.5230

■ 149.7520, 5.6760,
51.3400

■ 246.6050, -0.6860,
-9.5980

■ 133.5600, 6.6370,
61.4610

■ 250.1710, 3.5320,
-8.9480

■ 116.7810, 7.8730,
72.1050

■ 252.2640, 7.7040,
-7.4640

■ 100.5890, 8.8340,
82.2260

■ 84.3970, 9.7950,
92.3470

■ 69.0910, 11.0770,
102.1570

Harmonies

Analogous

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



194.8130, -23.7980, 12.7940



198.0290, 2.1970, 20.7650



198.8760, 24.6170, 21.9370

Triad

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



198.0290, 2.1970, 20.7650



194.2750, 35.5340, -5.2180



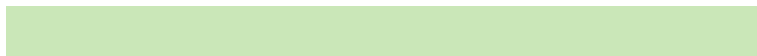
183.2430, -49.6970, -18.9530

Complementary

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



198.0290, 2.1970, 20.7650



216.9710, -2.1970, -20.7650

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.



185.6720, -29.1560, -22.2760



198.0290, 2.1970, 20.7650



192.2680, 19.0760, -15.3240

Square

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



198.0290, 2.1970, 20.7650



196.2580, 43.3720, 6.9240



188.4870, -3.7100, -20.8780



183.8050, -56.8510, -10.4430

Rectangle

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



198.0290, 2.1970, 20.7650



198.1560, 35.3920, 19.3920



188.4870, -3.7100, -20.8780



183.7120, -43.8280, -20.6920

Sweetspot

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



198.0290, 2.1970, 20.7650



244.4010, 0.5490, 6.5730



199.9240, -20.0370, 5.2030



121.5210, 0.0910, 3.8590



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.



198.0290, 2.1970, 20.7650



212.3160, 3.0670, 27.0270



202.8410, 14.5300, 23.0260



106.4610, 0.3200, 5.2160



53.2960, 8.1010, 78.9890



15.3820, 2.7010, 22.6450

Inverse Universe

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



200.1050, 22.2340, 15.5620



214.8610, 28.9730, 20.0850



212.1590, -14.5300, -23.0260



107.1580, 5.5470, 4.0990



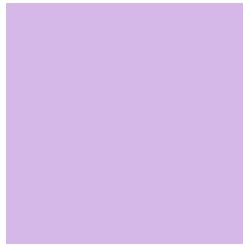
61.2730, 84.8560, 59.0960



17.4150, 24.2970, 16.7210

Previews

White Background



This preview shows how the YIQ color 198.0290, 2.1970, 20.7650 looks on a white background.

Color Contrast Check

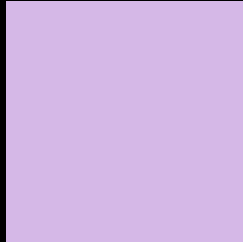
Large Text (above 18pt) WCAG AA × Fail

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 198.0290, 2.1970, 20.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

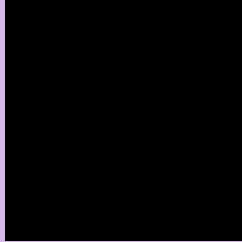
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.0290, 2.1970, 20.7650

Background



This preview shows how black text looks on a background with the YIQ color 198.0290, 2.1970, 20.7650.



This preview shows how white text looks on a background with the YIQ color 198.0290, 2.1970,

20.7650.

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

198.0290, 2.1970, 20.7650

Protanopia

195.6240, -18.8920, 11.9880

Deuteranopia

196.3540, -9.2640, 13.7120



Tritanopia

196.6900, 7.1050, 8.9050

Trichromacy



Original Color

198.0290, 2.1970, 20.7650

Protanomaly

196.6250, -11.4650, 15.0550

Deuteranomaly

196.9740, -5.1380, 16.0300

Tritanomaly

196.9550, 5.0410, 13.2730

Monochromacy



Original Color

198.0290, 2.1970, 20.7650

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.9280, 0.5030, 7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.0290, 2.1970, 20.7650 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(213, 184, 231)` looks like.

```
.text, #text, p{  
    color:rgb(213, 184, 231)  
}
```

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(213, 184, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 184, 231) }
```

Border

The CSS property to change the border of an element to YIQ 198.0290, 2.1970, 20.7650 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(213, 184, 231) }
```


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

```
.border{ border-color:rgb(213, 184, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 184, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 184, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 184, 231);  
box-shadow:4px 4px 4px 4px rgb(213, 184,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 198.0290, 2.1970, 20.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 184, 231) }
```

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

```
.background{ background-color: rgb(213,  
184, 231) }
```

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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