

Converting Colors

YIQ(79.5980, 65.3680, 70.8720)

Have a look what the booklet for
YIQ(79.5980, 65.3680, 70.8720)
contains.

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Color

**YIQ(79.5980, 65.3680,
70.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	BA1080
RGB	186, 16, 128
RGB Percent	73%, 6%, 50%
CMY	0.2701, 0.9374, 0.4979
CMYK	0.00, 0.91, 0.31, 0.27
HSL	320°, 84%, 40%
HSV	320°, 91%, 73%
XYZ	24.3625, 12.3824, 21.5433
YIQ	79.5980, 65.3680, 70.8720

Conversions

Conversions Part 2

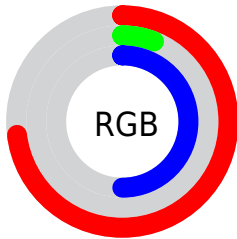
Format	Color
R_{YB}	186, 16, 128
Decimal	12193920
CIE _{Lab}	41.82, 68.40, -16.86
CIE _{LCh}	42, 70.446, 346.156
Yxy	12.3824, 0.4180, 0.2124
Android (android.graphics.Color)	4290384000 (0xFFBA1080)
YUV	79.5980, 23.8622, 93.3146
Hunter-Lab	35.1886, 62.0026, -11.6666

Details

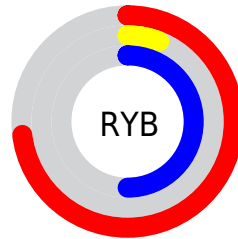
The YIQ color **79.5980, 65.3680, 70.8720** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **122.4020, -65.3680, -70.8720**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4310, 64.0400, 61.8960**, and **47.2780, 50.9290, 51.7050** is the 20% darker color. If you saturate the color by 10%, you get **69.6360, 71.3730, 77.6850**, and if you desaturate by 10%, it is **91.4350, 58.2170, 62.8010**.

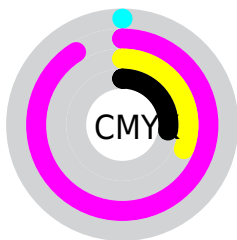
Distribution



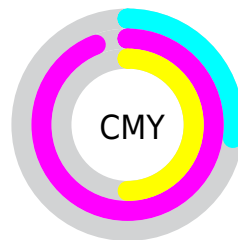
- Red (73%)
- Green (6%)
- Blue (50%)



- Red (73%)
- Yellow (6%)
- Blue (50%)



- Cyan (0%)
- Magenta (91%)
- Yellow (31%)
- Black (27%)



- Cyan (27%)
- Magenta (94%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.5980, 65.3680, 70.8720 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 79.5980, 65.3680, 70.8720 by changing the saturation by 10% instead.

■ 79.5980, 65.3680,
70.8720

■ 79.5980, 65.3680,
70.8720

255.0000, -0.0000,
-0.0000

■ 58.6850, 60.5090,
65.3170

■ 146.4310, 64.0400,
61.8960

■ 47.2780, 50.9290,
51.7050

■ 169.9240, 52.1660,
56.8220

■ 35.9850, 41.0280,
38.4040

■ 189.5520, 35.4780,
50.8860

■ 25.4040, 31.9980,
25.8380

■ 209.2140, 21.4500,
40.7940

■ 14.0680, 23.6560,
11.8160

■ 226.2370, 13.4750,
25.6270

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.5000,

10.4600

■ 79.5980, 65.3680,
70.8720

■ 79.5980, 65.3680,
70.8720

■ 69.6360, 71.3730,
77.6850

■ 91.4350, 58.2170,
62.8010

■ 102.7990, 51.0200,
55.5640

■ 114.6360, 43.8690,
47.4930

■ 125.8860, 36.9930,
39.9450

■ 137.8370, 29.5210,
32.1850

■ 149.6740, 22.3700,
24.1140

■ 161.0380, 15.1730,
16.8770

■ 172.8750, 8.0220,
8.8060

■ 184.1250, 1.1460,
1.2580

Harmonies

Analogous

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



99.3500, 6.8680, 51.7640



79.5980, 65.3680, 70.8720



68.0570, 94.3920, 62.4880

Triad

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



79.5980, 65.3680, 70.8720



89.7300, 25.6820, -35.9340



91.7750, -91.6970, -6.6810

Complementary

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



79.5980, 65.3680, 70.8720



122.4020, -65.3680, -70.8720

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.



87.0210, -75.5550, -23.8990



79.5980, 65.3680, 70.8720



68.0920, -31.9000, -60.6680

Square

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



79.5980, 65.3680, 70.8720



92.9400, 60.9820, -14.8740



78.8930, -55.4240, -41.8240



90.6130, -99.4480, 7.1440

Rectangle

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



79.5980, 65.3680, 70.8720



84.0410, 90.1800, 28.6760



78.8930, -55.4240, -41.8240



90.5380, -86.8360, -12.1800

Sweetspot

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



79.5980, 65.3680, 70.8720



201.3370, 24.9370, 27.1530



52.4230, -20.5980, 64.9540



97.6250, 14.8980, 16.3540



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5980, 65.3680, 70.8720



90.5980, 92.8720, 101.0640



70.0220, 92.3320, 44.7480



86.3750, 3.4380, 3.7740



58.2720, 60.2340, 64.7940



10.4240, 10.9100, 11.5340

Inverse Universe

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



79.5980, 65.3680, 70.8720



90.5980, 92.8720, 101.0640



131.9780, -92.3320, -44.7480



86.3750, 3.4380, 3.7740



58.2720, 60.2340, 64.7940



10.4240, 10.9100, 11.5340

Previews

White Background



This preview shows how the YIQ color 79.5980, 65.3680, 70.8720 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 79.5980, 65.3680, 70.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

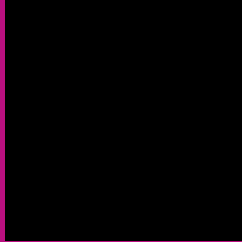
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.5980, 65.3680, 70.8720

Background



This preview shows how black text looks on a background with the YIQ color 79.5980, 65.3680, 70.8720.



This preview shows how white text looks on a background with the YIQ color 79.5980, 65.3680,

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

79.5980, 65.3680, 70.8720

Protanopia

96.1000, -49.2910, 17.7570

Deuteranopia

101.4050, -5.2740, 7.4780



Tritanopia

90.7990, 76.2420, 27.9700

Trichromacy



Original Color

79.5980, 65.3680, 70.8720

Protanomaly

90.0780, -7.5260, 37.2900

Deuteranomaly

93.4060, 20.4890, 30.6730

Tritanomaly

86.8440, 72.3420, 43.5900

Monochromacy



Original Color

79.5980, 65.3680, 70.8720

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

80.0980, 24.1120, 25.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5980, 65.3680, 70.8720 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(186, 16, 128)` looks like.

```
.text, #text, p{  
    color:rgb(186, 16, 128)  
}
```

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(186, 16, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 16, 128) }
```

Border

The CSS property to change the border of an element to YIQ 79.5980, 65.3680, 70.8720 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(186, 16, 128) }
```


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

```
.border{ border-color:rgb(186, 16, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 16, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 16, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 16, 128);  
box-shadow:4px 4px 4px 4px rgb(186, 16,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 79.5980, 65.3680, 70.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 16, 128) }
```

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

```
.background{ background-color: rgb(186, 16,  
128) }
```

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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