

Converting Colors

YIQ(57.6900, 1.3600, 85.5200)

Have a look what the booklet for
YIQ(57.6900, 1.3600, 85.5200)
contains.

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Color

**YIQ(57.6900, 1.3600,
85.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	7002CA
RGB	112, 2, 202
RGB Percent	44%, 1%, 79%
CMY	0.5604, 0.9924, 0.2080
CMYK	0.44, 0.99, 0.00, 0.21
HSL	273°, 98%, 40%
HSV	273°, 99%, 79%
XYZ	17.3720, 7.7561, 56.4349
YIQ	57.6900, 1.3600, 85.5200

Conversions

Conversions Part 2

Format	Color
R_{YB}	112, 2, 202
Decimal	7340746
CIE _{Lab}	33.47, 70.52, -75.36
CIE _{LCh}	33, 103.212, 313.100
Yxy	7.7561, 0.2130, 0.0951
Android (android.graphics.Color)	4285530826 (0xFF7002CA)
YUV	57.6900, 71.1448, 47.6299
Hunter-Lab	27.8498, 62.6068, -100.6507

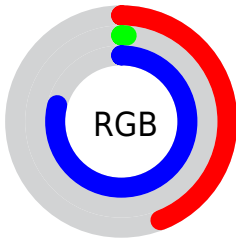
Details

The YIQ color **57.6900, 1.3600, 85.5200** is a dark color, and the websafe version is hex **6600CC**.

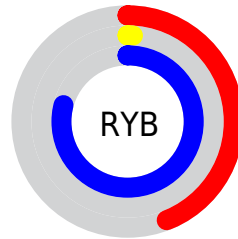
The color can be described as dark washed purple. A complement of this color would be **146.3100, -1.3600, -85.5200**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.1100, -0.2430, 76.0210**, and **30.6970, -18.8540, 55.3700** is the 20% darker color. If you saturate the color by 10%, you get **56.2170, 1.3140, 86.3540**, and if you desaturate by 10%, it is **72.1210, 1.2240, 76.9680**.

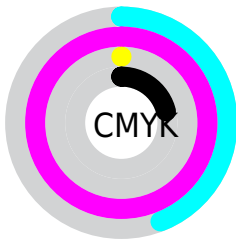
Distribution



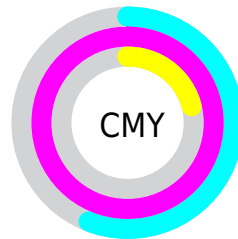
- Red (44%)
- Green (1%)
- Blue (79%)



- Red (44%)
- Yellow (1%)
- Blue (79%)



- Cyan (44%)
- Magenta (99%)
- Yellow (0%)
- Black (21%)



- Cyan (56%)
- Magenta (99%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.6900, 1.3600, 85.5200 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 57.6900, 1.3600, 85.5200 by changing the saturation by 10% instead.

■ 57.6900, 1.3600,
85.5200

■ 57.6900, 1.3600,
85.5200

■ 255.0000, -0.0000,
-0.0000

■ 44.0550, -7.5780,
71.2860

■ 125.1100, -0.2430,
76.0210

■ 30.6970, -18.8540,
55.3700

■ 150.5160, 9.9370,
67.7370

■ 13.6800, -38.5200,
37.3200

■ 176.2210, 20.7130,
59.6650

■ 10.7160, -30.1740,
29.2340

■ 199.2350, 26.1250,
49.6850

■ 12.5620, -24.3490,
17.2750

■ 215.6710, 18.4250,
35.0410

■ 7.0050, -15.5910,
12.7370

■ 232.6940, 10.4500,

■ 3.3230, -7.9790,

19.8740


6.9410


 250.3040, 2.2000,
4.1840

 0.0000, 0.0000,
0.0000

 57.6900, 1.3600,
85.5200


 57.6900, 1.3600,
85.5200

 56.2170, 1.3140,
86.3540

 72.1210, 1.2240,
76.9680

 86.5520, 1.0880,
68.4160

 101.5700, 0.6770,
59.3410

 116.0010, 0.5410,
50.7890

 130.4320, 0.4050,
42.2370

■ 145.1620, 0.8650,
33.8970

■ 159.5930, 0.7290,
25.3450

■ 174.6110, 0.3180,
16.2700

■ 189.0420, 0.1820,
7.7180

Harmonies

Analogous

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



76.0640, -101.1950, 33.3090



57.6900, 1.3600, 85.5200



72.0000, 73.3440, 80.5120

Triad

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



57.6900, 1.3600, 85.5200



72.6390, 63.8680, -1.0920



74.6310, -65.4690, -19.4610

Complementary

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



57.6900, 1.3600, 85.5200



146.3100, -1.3600, -85.5200

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.



63.1970, -36.0290, -46.4050



57.6900, 1.3600, 85.5200



69.9060, 13.6230, -32.1450

Square

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



57.6900, 1.3600, 85.5200



54.7170, 109.0680, 38.7960



58.1130, -27.2250, -51.7770



84.6970, -91.0570, 3.7510

Rectangle

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



57.6900, 1.3600, 85.5200



70.4430, 99.2970, 67.2090



58.1130, -27.2250, -51.7770



71.4390, -56.4810, -28.1690

Sweetspot

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



57.6900, 1.3600, 85.5200



200.2220, 0.6360, 32.5400



77.6300, -88.9500, 15.1300



94.7190, 0.1340, 19.6060



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.



57.6900, 1.3600, 85.5200



70.9300, 1.5850, 108.9850



83.4600, 58.2100, 101.4900



94.6350, -0.2300, 4.1700



46.1330, 0.9500, 70.9180



10.6110, 0.3180, 16.2700

Inverse Universe

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



72.0600, 90.3100, 70.3900



89.3550, 115.0650, 89.8250



120.5400, -58.2100, -101.4900



95.4460, 4.6760, 3.3640



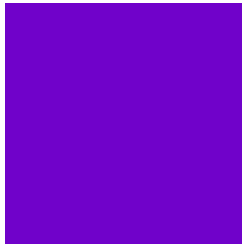
58.0700, 75.1820, 58.2060



13.3000, 17.1910, 13.3430

Previews

White Background



This preview shows how the YIQ color 57.6900, 1.3600, 85.5200 looks on a white background.

Color Contrast Check

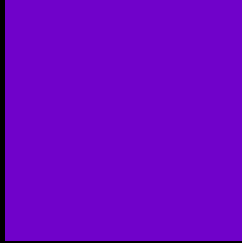
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 57.6900, 1.3600, 85.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

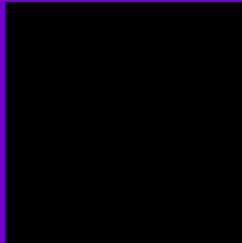
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.6900, 1.3600, 85.5200

Background



This preview shows how black text looks on a background with the YIQ color 57.6900, 1.3600, 85.5200.



This preview shows how white text looks on a background with the YIQ color 57.6900, 1.3600,

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

57.6900, 1.3600, 85.5200

Protanopia

64.4820, -74.0940, 10.2100

Deuteranopia

64.7950, -68.0860, 0.4420



Tritanopia

81.1790, 1.0540, 2.9260

Trichromacy



Original Color

57.6900, 1.3600, 85.5200

Protanomaly

61.9010, -46.4520, 37.9000

Deuteranomaly

62.5390, -42.7370, 31.1430

Tritanomaly

72.6350, 0.9110, 33.0630

Monochromacy



Original Color

57.6900, 1.3600, 85.5200

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.1680, 0.7280, 30.8720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.6900, 1.3600, 85.5200 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(112, 2, 202)` looks like.

```
.text, #text, p{  
    color:rgb(112, 2, 202)  
}
```

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(112, 2, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 2, 202) }
```

Border

The CSS property to change the border of an element to YIQ 57.6900, 1.3600, 85.5200 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(112, 2, 202) }
```


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

```
.border{ border-color:rgb(112, 2, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 2, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 2, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 2, 202);  
box-shadow:4px 4px 4px 4px rgb(112, 2,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 57.6900, 1.3600, 85.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 2, 202) }
```

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

```
.background{ background-color: rgb(112, 2,  
202) }
```

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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