

Converting Colors

YIQ(65.9540, 6.7820, 20.2700)

Have a look what the booklet for
YIQ(65.9540, 6.7820, 20.2700)
contains.

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Color

**YIQ(65.9540, 6.7820,
20.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	55335D
RGB	85, 51, 93
RGB Percent	33%, 20%, 36%
CMY	0.6666, 0.8000, 0.6353
CMYK	0.09, 0.45, 0.00, 0.64
HSL	289°, 29%, 28%
HSV	289°, 45%, 36%
XYZ	6.9077, 5.0893, 10.9738
YIQ	65.9540, 6.7820, 20.2700

Conversions

Conversions Part 2

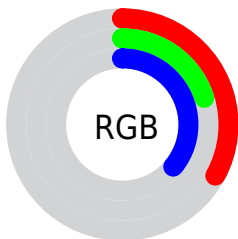
Format	Color
R_{YB}	85, 51, 93
Decimal	5583709
CIE _{Lab}	26.99, 23.37, -18.96
CIE _{LCh}	27, 30.090, 320.947
Yxy	5.0893, 0.3007, 0.2216
Android (android.graphics.Color)	4283773789 (0xFF55335D)
YUV	65.9540, 13.3337, 16.7033
Hunter-Lab	22.5594, 15.1779, -13.0495

Details

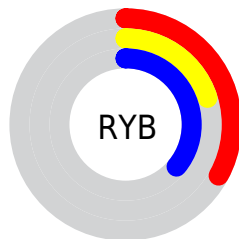
The YIQ color **65.9540, 6.7820, 20.2700** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.0460, -6.7820, -20.2700**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.6060, 7.8820, 22.3620**, and **20.8290, 5.6360, 19.0120** is the 20% darker color. If you saturate the color by 10%, you get **60.0730, 8.0650, 24.5530**, and if you desaturate by 10%, it is **71.8350, 5.4990, 15.9870**.

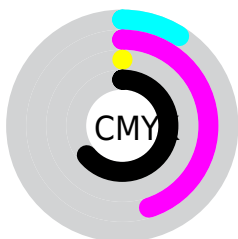
Distribution



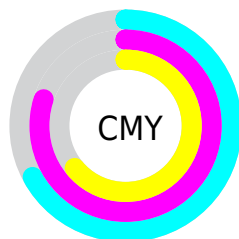
- Red (33%)
- Green (20%)
- Blue (36%)



- Red (33%)
- Yellow (20%)
- Blue (36%)



- Cyan (9%)
- Magenta (45%)
- Yellow (0%)
- Black (64%)



- Cyan (67%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.9540, 6.7820, 20.2700 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 65.9540, 6.7820, 20.2700 by changing the saturation by 10% instead.

65.9540, 6.7820,
20.2700

65.9540, 6.7820,
20.2700

255.0000, -0.0000,
-0.0000

43.1280, 6.2320,
19.2240

114.4920, 8.2030,
22.0510

20.8290, 5.6360,
19.0120

140.6060, 7.8820,
22.3620

6.2530, -1.7900,
10.4180

167.3180, 8.7530,
23.0970

0.0000, 0.0000,
0.0000

194.1440, 9.3030,
24.1430

222.2580, 8.9820,
24.4540

241.4990, 6.3250,

12.0290

■ 65.9540, 6.7820,
20.2700

■ 65.9540, 6.7820,
20.2700

■ 60.0730, 8.0650,
24.5530

■ 71.8350, 5.4990,
15.9870

■ 53.6050, 9.6230,
29.3590

■ 78.3030, 3.9410,
11.1810

■ 48.0230, 11.5020,
33.8540

■ 83.8850, 2.0620,
6.6860

■ 42.1420, 12.7850,
38.1370

■ 89.7660, 0.7790,
2.4030

■ 35.6740, 14.3430,
42.9430

■ 95.6470, -0.5040,
-1.8800

■ 33.0270, 14.8470,
44.8230

■ 102.1150, -2.0620,
-6.6860

■ 107.6970, -3.9410,
-11.1810

■ 113.5780, -5.2240,
-15.4640

■ 120.0460, -6.7820,
-20.2700

Harmonies

Analogous

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



63.5530, -20.1300, 12.3980



65.9540, 6.7820, 20.2700



64.5340, 25.5800, 21.0040

Triad

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



65.9540, 6.7820, 20.2700



61.5620, 27.2360, -9.0200



53.1450, -46.3050, -14.3450

Complementary

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



65.9540, 6.7820, 20.2700



78.0460, -6.7820, -20.2700

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.



50.4090, -38.6010, -21.8090



65.9540, 6.7820, 20.2700



59.6200, 12.1530, -16.5110

Square

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



65.9540, 6.7820, 20.2700



62.5450, 35.0740, 3.1220



55.8930, -10.7250, -20.3970



54.1370, -51.8540, -7.3900

Rectangle

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



65.9540, 6.7820, 20.2700



63.3190, 33.3750, 17.3990



55.8930, -10.7250, -20.3970



52.2330, -43.7370, -16.8330

Sweetspot

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



65.9540, 6.7820, 20.2700



109.1240, 2.8870, 8.2550



60.4840, -15.6820, 8.8780



54.5320, 1.5580, 4.8060



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



65.9540, 6.7820, 20.2700



78.2570, 10.7230, 31.4510



66.8640, 15.7230, 17.9230



42.7660, 0.7790, 2.4030



39.1510, 17.7340, 53.0780



84.4260, 38.3550, 114.4110

Inverse Universe

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



64.4700, 22.4640, 11.3920



75.8030, 34.8880, 17.5120



77.1360, -15.7230, -17.9230



42.6090, 2.6590, 1.3710



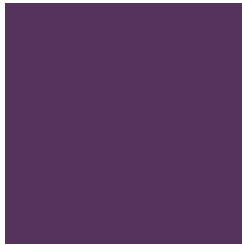
35.2840, 58.8190, 29.8510



75.9930, 126.8070, 64.2390

Previews

White Background



This preview shows how the YIQ color 65.9540, 6.7820, 20.2700 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 65.9540, 6.7820, 20.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

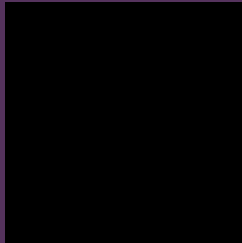
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.9540, 6.7820, 20.2700

Background



This preview shows how black text looks on a background with the YIQ color 65.9540, 6.7820, 20.2700.



This preview shows how white text looks on a background with the YIQ color 65.9540, 6.7820,

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

65.9540, 6.7820, 20.2700

Protanopia

63.3740, -21.1840, 9.4720

Deuteranopia

64.3870, -14.0310, 6.4890



Tritanopia

65.3330, 12.4240, 6.1200

Trichromacy



Original Color

65.9540, 6.7820, 20.2700

Protanomaly

64.4570, -11.0520, 13.0760

Deuteranomaly

64.8550, -6.4210, 11.7470

Tritanomaly

65.1250, 10.3140, 11.3220

Monochromacy



Original Color

65.9540, 6.7820, 20.2700

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.2980, 2.3370, 7.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.9540, 6.7820, 20.2700 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(85, 51, 93)` looks like.

```
.text, #text, p{  
    color:rgb(85, 51, 93)  
}
```

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(85, 51, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 51, 93) }
```

Border

The CSS property to change the border of an element to YIQ 65.9540, 6.7820, 20.2700 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(85, 51, 93) }
```


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

```
.border{ border-color:rgb(85, 51, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 51, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 51, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 51, 93);  
box-shadow:4px 4px 4px 4px rgb(85, 51, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.9540, 6.7820, 20.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 51, 93) }
```

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

```
.background{ background-color: rgb(85, 51,  
93) }
```

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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