

Converting Colors

YIQ(85.4220, 14.3920, 25.5280)

Have a look what the booklet for
YIQ(85.4220, 14.3920, 25.5280)
contains.

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Color

**YIQ(85.4220, 14.3920,
25.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	734171
RGB	115, 65, 113
RGB Percent	45%, 25%, 44%
CMY	0.5489, 0.7452, 0.5568
CMYK	0.00, 0.44, 0.02, 0.55
HSL	302°, 28%, 35%
HSV	302°, 44%, 45%
XYZ	11.9452, 8.6180, 16.6581
YIQ	85.4220, 14.3920, 25.5280

Conversions

Conversions Part 2

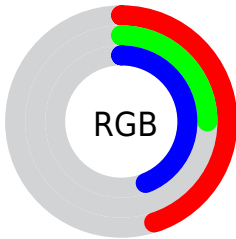
Format	Color
R _Y B	115, 65, 113
Decimal	7553393
CIE Lab	35.24, 29.60, -18.63
CIE LCh	35, 34.970, 327.817
Yxy	8.6180, 0.3209, 0.2315
Android (android.graphics.Color)	4285743473 (0xFF734171)
YUV	85.4220, 13.5960, 25.9399
Hunter-Lab	29.3564, 21.2588, -13.0943

Details

The YIQ color **85.4220, 14.3920, 25.5280** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.5780, -14.3920, -25.5280**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9600, 15.8130, 27.3090**, and **37.4110, 12.9250, 24.5810** is the 20% darker color. If you saturate the color by 10%, you get **78.3780, 17.6920, 31.8040**, and if you desaturate by 10%, it is **91.8790, 11.3670, 19.7750**.

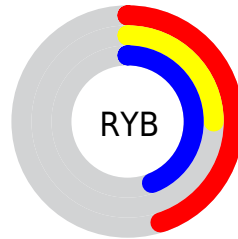
Distribution



Red (45%)

Green (25%)

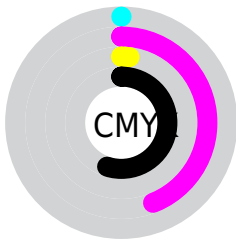
Blue (44%)



Red (45%)

Yellow (25%)

Blue (44%)

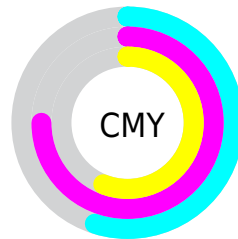


Cyan (0%)

Magenta (44%)

Yellow (2%)

Black (55%)



Cyan (55%)

Magenta (75%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.4220, 14.3920, 25.5280 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 85.4220, 14.3920, 25.5280 by changing the saturation by 10% instead.

85.4220, 14.3920,
25.5280

85.4220, 14.3920,
25.5280

255.0000, -0.0000,
-0.0000

61.5960, 13.8420,
24.4820

135.9600, 15.8130,
27.3090

37.4110, 12.9250,
24.5810

162.6720, 16.6840,
28.0440

17.4600, 11.2290,
22.2770

190.0850, 16.9590,
28.5670

6.0960, 0.0900,
9.3860

217.9110, 17.5090,
29.6130

0.0000, 0.0000,
0.0000

236.2160, 8.8000,
16.7360

252.6520, 1.1000,

2.0920

■ 85.4220, 14.3920,
25.5280

■ 85.4220, 14.3920,
25.5280

■ 78.3780, 17.6920,
31.8040

■ 91.8790, 11.3670,
19.7750

■ 71.8070, 21.0380,
37.2460

■ 99.0370, 7.7460,
13.8100

■ 64.7630, 24.3380,
43.5220

■ 105.4940, 4.7210,
8.0570

■ 58.1920, 27.6840,
48.9640

■ 112.6520, 1.1000,
2.0920

■ 51.1480, 30.9840,
55.2400

■ 119.6960, -2.2000,
-4.1840

■ 46.9250, 33.2300,
58.5900

■ 126.2670, -5.5460,
-9.6260

■ 133.3110, -8.8460,
-15.9020

■ 139.8820,
-12.1920, -21.3440

■ 146.9260,
-15.4920, -27.6200

Harmonies

Analogous

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



83.5800, -15.5920, 18.2640



85.4220, 14.3920, 25.5280



83.3180, 35.1160, 24.3960

Triad

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



85.4220, 14.3920, 25.5280



80.1830, 29.6210, -13.6990



68.6640, -61.0680, -16.6200

Complementary

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



85.4220, 14.3920, 25.5280



94.5780, -14.3920, -25.5280

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.



65.4720, -52.0800, -25.3280



85.4220, 14.3920, 25.5280



77.1910, 8.8070, -21.9530

Square

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



85.4220, 14.3920, 25.5280



81.3730, 41.3100, 0.2380



71.5710, -21.6820, -25.5700



69.4110, -67.3050, -8.2090

Rectangle

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



85.4220, 14.3920, 25.5280



82.3370, 42.1320, 18.3880



71.5710, -21.6820, -25.5700



68.2250, -58.4540, -19.9420

Sweetspot

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



85.4220, 14.3920, 25.5280



138.8470, 5.2250, 9.9370



71.2980, -14.8580, 15.9740



69.2550, 3.8960, 6.4880



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



85.4220, 14.3920, 25.5280



103.8720, 22.4130, 39.8610



82.5720, 22.4170, 17.7530



55.3640, 1.9710, 2.8270



49.8160, 35.1550, 62.2510



102.1100, 71.9600, 127.6400

Inverse Universe

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



85.4220, 14.3920, 25.5280



103.8720, 22.4130, 39.8610



97.4280, -22.4170, -17.7530



55.3640, 1.9710, 2.8270



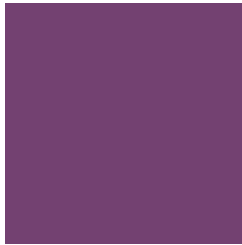
49.8160, 35.1550, 62.2510



102.1100, 71.9600, 127.6400

Previews

White Background



This preview shows how the YIQ color 85.4220, 14.3920, 25.5280 looks on a white background.

Color Contrast Check

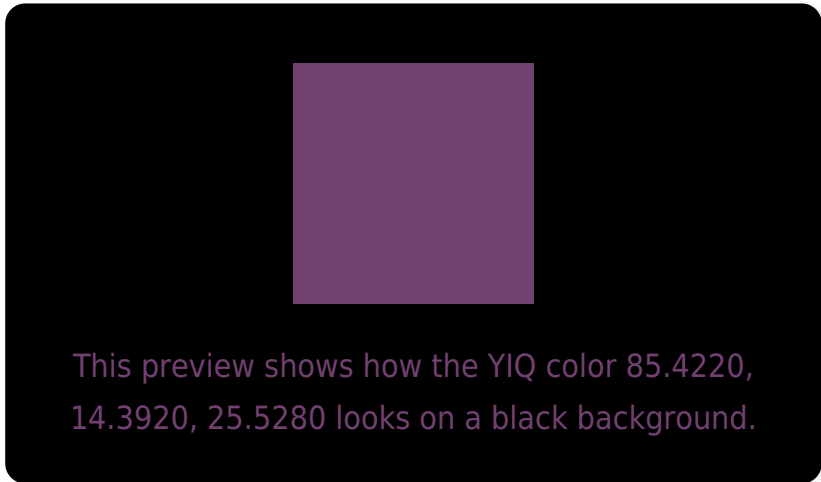
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

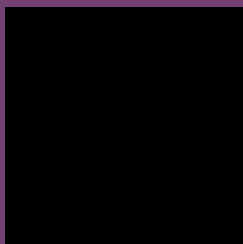
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.4220, 14.3920, 25.5280

Background



This preview shows how black text looks on a background with the YIQ color 85.4220, 14.3920, 25.5280.



This preview shows how white text looks on a background with the YIQ color 85.4220, 14.3920,

25.5280.

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

85.4220, 14.3920, 25.5280

Protanopia

82.9440, -22.7890, 11.0270

Deuteranopia

83.6970, -11.9680, 7.6480



Tritanopia

84.9320, 21.0430, 9.6110

Trichromacy



Original Color

85.4220, 14.3920, 25.5280

Protanomaly

83.9350, -9.4020, 16.2140

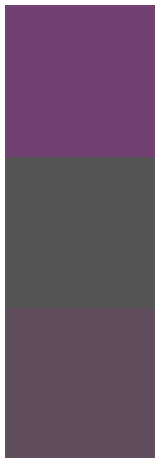
Deuteranomaly

84.4750, -2.2950, 14.0650

Tritanomaly

84.9520, 18.2910, 15.4350

Monochromacy



Original Color

85.4220, 14.3920, 25.5280

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.3200, 5.2710, 9.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.4220, 14.3920, 25.5280 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(115, 65, 113)` looks like.

```
.text, #text, p{  
    color:rgb(115, 65, 113)  
}
```

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(115, 65, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 65, 113) }
```

Border

The CSS property to change the border of an element to YIQ 85.4220, 14.3920, 25.5280 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(115, 65, 113) }
```


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

```
.border{ border-color:rgb(115, 65, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 65, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 65, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 65, 113);  
box-shadow:4px 4px 4px 4px rgb(115, 65,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 85.4220, 14.3920, 25.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 65, 113) }
```

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

```
.background{ background-color: rgb(115, 65,  
113) }
```

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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