

Converting Colors

YIQ(65.0770, 2.2420, 25.4580)

Have a look what the booklet for
YIQ(65.0770, 2.2420, 25.4580)
contains.

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Color

**YIQ(65.0770, 2.2420,
25.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	53306A
RGB	83, 48, 106
RGB Percent	33%, 19%, 42%
CMY	0.6744, 0.8118, 0.5843
CMYK	0.22, 0.55, 0.00, 0.58
HSL	276°, 38%, 30%
HSV	276°, 55%, 42%
XYZ	7.2274, 4.9935, 14.2161
YIQ	65.0770, 2.2420, 25.4580

Conversions

Conversions Part 2

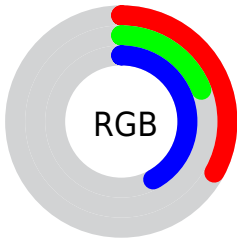
Format	Color
R_{YB}	83, 48, 106
Decimal	5451882
CIE _{Lab}	26.72, 27.71, -27.81
CIE _{LCh}	27, 39.258, 314.890
Yxy	4.9935, 0.2734, 0.1889
Android (android.graphics.Color)	4283641962 (0xFF53306A)
YUV	65.0770, 20.1750, 15.7185
Hunter-Lab	22.3462, 18.6260, -22.0765

Details

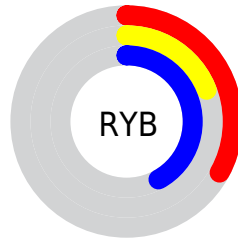
The YIQ color **65.0770, 2.2420, 25.4580** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **88.9230, -2.2420, -25.4580**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.8430, 3.0210, 27.8610**, and **18.8380, 1.4170, 23.8890** is the 20% darker color. If you saturate the color by 10%, you get **57.4240, 2.8830, 30.3630**, and if you desaturate by 10%, it is **72.7300, 1.6010, 20.5530**.

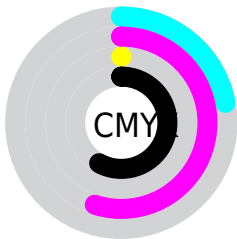
Distribution



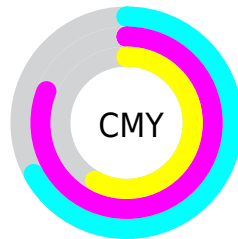
- Red (33%)
- Green (19%)
- Blue (42%)



- Red (33%)
- Yellow (19%)
- Blue (42%)



- Cyan (22%)
- Magenta (55%)
- Yellow (0%)
- Black (58%)



- Cyan (67%)
- Magenta (81%)
- Yellow (58%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.0770, 2.2420, 25.4580 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 65.0770, 2.2420, 25.4580 by changing the saturation by 10% instead.

65.0770, 2.2420,
25.4580

65.0770, 2.2420,
25.4580

255.0000, -0.0000,
-0.0000

42.2510, 1.6920,
24.4120

113.8430, 3.0210,
27.8610

18.8380, 1.4170,
23.8890

140.2560, 3.2960,
28.3840

6.4960, -6.7880,
12.8920

166.7830, 3.2500,
29.2180

1.3680, -3.8520,
3.7320

193.6090, 3.8000,
30.2640

0.0000, 0.0000,
0.0000

220.3120, 8.8900,
26.1220

239.7380, 7.1500,

13.5980

■ 65.0770, 2.2420,
25.4580

■ 65.0770, 2.2420,
25.4580

■ 57.4240, 2.8830,
30.3630

■ 72.7300, 1.6010,
20.5530

■ 50.3580, 3.2490,
34.7450

■ 79.7960, 1.2350,
16.1710

■ 42.4060, 3.2940,
39.4380

■ 87.7480, 1.1900,
11.4780

■ 35.3400, 3.6600,
43.8200

■ 94.8140, 0.8240,
7.0960

■ 31.2200, 4.1180,
46.5340

■ 102.4670, 0.1830,
2.1910

■ 110.1200, -0.4580,
-2.7140

■ 117.1860, -0.8240,
-7.0960

■ 125.1380, -0.8690,
-11.7890

■ 132.2040, -1.2350,
-16.1710

Harmonies

Analogous

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



57.6630, -40.9910, 10.5050



65.0770, 2.2420, 25.4580



61.6690, 29.9340, 30.2060

Triad

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



65.0770, 2.2420, 25.4580



59.7820, 38.2400, -10.2080



54.0910, -46.2130, -16.0130

Complementary

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



65.0770, 2.2420, 25.4580



88.9230, -2.2420, -25.4580

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.



49.8560, -35.6660, -25.4420



65.0770, 2.2420, 25.4580



57.5790, 19.3980, -21.1620

Square

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



65.0770, 2.2420, 25.4580



60.0410, 45.4810, 7.2490



52.7480, -9.1190, -27.4790



56.5820, -54.6050, -7.0930

Rectangle

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



65.0770, 2.2420, 25.4580



59.7210, 41.3510, 27.0390



52.7480, -9.1190, -27.4790



52.8370, -42.6820, -19.4340

Sweetspot

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



65.0770, 2.2420, 25.4580



122.3950, 0.6860, 9.5980



68.1130, -24.9430, 6.0090



59.8740, 0.5950, 5.7390



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



65.0770, 2.2420, 25.4580



73.8190, 3.5690, 39.9610



71.2700, 17.8760, 28.4680



49.5810, -0.1380, 2.5020



34.5670, 4.7590, 51.4390



72.1820, 9.5630, 107.5710

Inverse Universe

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



67.9640, 27.1850, 19.4490



78.3130, 42.6800, 30.4880



82.7300, -17.8760, -28.4680



50.0220, 2.9340, 1.8940



40.2270, 54.9660, 39.1100



84.3130, 114.8830, 82.1070

Previews

White Background



This preview shows how the YIQ color 65.0770, 2.2420, 25.4580 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 65.0770, 2.2420, 25.4580 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 65.0770, 2.2420, 25.4580

Background



This preview shows how black text looks on a background with the YIQ color 65.0770, 2.2420, 25.4580.



This preview shows how white text looks on a background with the YIQ color 65.0770, 2.2420,

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

65.0770, 2.2420, 25.4580

Protanopia

59.8270, -35.5810, 11.5790

Deuteranopia

61.2700, -26.8230, 7.0410



Tritanopia

64.6530, 8.5270, 5.1590

Trichromacy



Original Color

65.0770, 2.2420, 25.4580

Protanomaly

61.7040, -21.8730, 16.4550

Deuteranomaly

62.6460, -15.9580, 13.8820

Tritanomaly

64.9120, 6.6000, 12.5520

Monochromacy



Original Color

65.0770, 2.2420, 25.4580

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.2810, 1.0070, 9.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.0770, 2.2420, 25.4580 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(83, 48, 106)` looks like.

```
.text, #text, p{  
    color:rgb(83, 48, 106)  
}
```

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(83, 48, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 48, 106) }
```

Border

The CSS property to change the border of an element to YIQ 65.0770, 2.2420, 25.4580 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(83, 48, 106) }
```


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

```
.border{ border-color:rgb(83, 48, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 48, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 48, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 48, 106);  
box-shadow:4px 4px 4px 4px rgb(83, 48,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 65.0770, 2.2420, 25.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 48, 106) }
```

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

```
.background{ background-color: rgb(83, 48,  
106) }
```

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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