

Converting Colors

YIQ(74.8630, -35.2620, 22.3220)

Have a look what the booklet for
YIQ(74.8630, -35.2620, 22.3220)
contains.

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Color

**YIQ(74.8630, -35.2620,
22.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	374698
RGB	55, 70, 152
RGB Percent	22%, 27%, 60%
CMY	0.7843, 0.7255, 0.4041
CMYK	0.64, 0.54, 0.00, 0.40
HSL	231°, 47%, 41%
HSV	231°, 64%, 60%
XYZ	9.4296, 7.4588, 30.6262
YIQ	74.8630, -35.2620, 22.3220

Conversions

Conversions Part 2

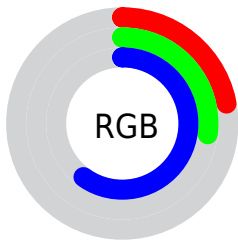
Format	Color
R_{YB}	55, 68, 152
Decimal	3622552
CIE _{Lab}	32.83, 21.00, -46.85
CIE _{LCh}	33, 51.342, 294.138
Yxy	7.4588, 0.1985, 0.1570
Android (android.graphics.Color)	4281812632 (0xFF374698)
YUV	74.8630, 38.0285, -17.4199
Hunter-Lab	27.3107, 13.8369, -47.3701

Details

The YIQ color **74.8630, -35.2620, 22.3220** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **132.1370, 35.2620, -22.3220**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.3520, -32.1450, 26.4070**, and **27.8360, -39.8000, 16.4560** is the 20% darker color. If you saturate the color by 10%, you get **62.7470, -40.6270, 25.9410**, and if you desaturate by 10%, it is **86.9790, -29.8970, 18.7030**.

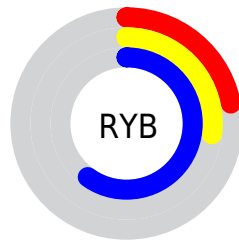
Distribution



Red (22%)

Green (27%)

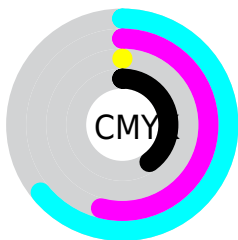
Blue (60%)



Red (22%)

Yellow (27%)

Blue (60%)

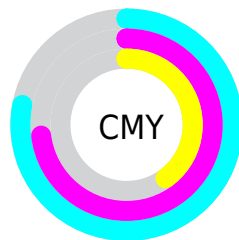


Cyan (64%)

Magenta (54%)

Yellow (0%)

Black (40%)



Cyan (78%)

Magenta (73%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.8630, -35.2620, 22.3220 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 74.8630, -35.2620, 22.3220 by changing the saturation by 10% instead.

■ 74.8630, -35.2620,
22.3220

■ 74.8630, -35.2620,
22.3220

■ 255.0000, -0.0000,
-0.0000

■ 48.5200, -41.7260,
18.3220

■ 126.3520,
-32.1450, 26.4070

■ 27.8360, -39.8000,
16.4560

■ 153.1780,
-31.5950, 27.4530

■ 10.4250, -25.2210,
22.0670

■ 179.0920,
-28.4770, 26.0110

■ 8.2760, -17.7920,
14.0800

■ 203.3130,
-19.2140, 17.8260

■ 4.5940, -10.1800,
8.2840

■ 228.4200, -9.6300,
9.3300

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2750,

0.5230

■ 74.8630, -35.2620,
22.3220

■ 74.8630, -35.2620,
22.3220

■ 62.7470, -40.6270,
25.9410

■ 86.9790, -29.8970,
18.7030

■ 50.6310, -45.9920,
29.5600

■ 99.0950, -24.5320,
15.0840

■ 38.2160, -51.9530,
32.9670

■ 111.5100,
-18.5710, 11.6770

■ 31.4160, -55.3920,
34.7200

■ 123.0390,
-12.9310, 8.5810

■ 135.1550, -7.5660,
4.9620

■ 147.2710, -2.2010,
1.3430

■ 159.3870, 3.1640,
-2.2760

■ 171.8020, 9.1250,
-5.6830

■ 183.9180, 14.4900,
-9.3020

Harmonies

Analogous

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



68.0210, -74.4140, 4.9940



74.8630, -35.2620, 22.3220



77.9960, 16.1320, 38.0520

Triad

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



74.8630, -35.2620, 22.3220



71.8390, 60.4290, 0.6610



62.9300, -47.6780, -28.0140

Complementary

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



74.8630, -35.2620, 22.3220



132.1370, 35.2620, -22.3220

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.



56.2670, -33.0500, -39.8180



74.8630, -35.2620, 22.3220



73.0500, 40.1210, -16.7670

Square

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



74.8630, -35.2620, 22.3220



68.9700, 62.5790, 27.7870



68.7320, 14.1730, -31.0990



68.1910, -61.1140, -15.7860

Rectangle

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



74.8630, -35.2620, 22.3220



72.6200, 40.7980, 42.5740



68.7320, 14.1730, -31.0990



61.2200, -42.8630, -32.6790

Sweetspot

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



74.8630, -35.2620, 22.3220



166.7400, -13.5270, 8.3690



121.1730, -52.6760, -25.5400



81.2690, -7.8870, 5.2730



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



74.8630, -35.2620, 22.3220



76.3020, -55.0710, 34.4090



75.6260, -12.0650, 36.9510



70.4990, -2.8430, 1.9650



28.8740, -50.9900, 32.0340



2.6560, -4.7230, 2.9970

Inverse Universe

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



85.7130, 52.9970, 25.2290



92.8850, 82.2920, 39.4760



131.3740, 12.0650, -36.9510



71.5060, 4.4470, 2.0070



44.3680, 76.3780, 36.5220



4.1150, 7.1060, 3.3780

Previews

White Background



This preview shows how the YIQ color 74.8630, -35.2620, 22.3220 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 74.8630, -35.2620, 22.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

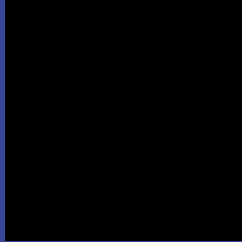
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.8630, -35.2620, 22.3220

Background



This preview shows how black text looks on a background with the YIQ color 74.8630, -35.2620, 22.3220.



This preview shows how white text looks on a background with the YIQ color 74.8630, -35.2620,

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

74.8630, -35.2620, 22.3220

Protanopia

65.5220, -62.4030, 13.0930

Deuteranopia

61.9910, -65.7020, 1.2900



Tritanopia

65.7650, -42.1790, -12.0270

Trichromacy



Original Color

74.8630, -35.2620, 22.3220

Protanomaly

69.1920, -52.5460, 16.1740

Deuteranomaly

66.7800, -54.5620, 8.6540

Tritanomaly

69.2250, -40.1180, 0.1860

Monochromacy



Original Color

74.8630, -35.2620, 22.3220

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9250, -12.6100, 8.2700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.8630, -35.2620, 22.3220 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(55, 70, 152)` looks like.

```
.text, #text, p{  
    color:rgb(55, 70, 152)  
}
```

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(55, 70, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 70, 152) }
```

Border

The CSS property to change the border of an element to YIQ 74.8630, -35.2620, 22.3220 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(55, 70, 152) }
```


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

```
.border{ border-color:rgb(55, 70, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 70, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 70, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 70, 152);  
box-shadow:4px 4px 4px 4px rgb(55, 70,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 74.8630, -35.2620, 22.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 70, 152) }
```

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

```
.background{ background-color: rgb(55, 70,  
152) }
```

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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