

Converting Colors

YIQ(152.5690, 1.2770, 37.4450)

Have a look what the booklet for
YIQ(152.5690, 1.2770, 37.4450)
contains.

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Color

**YIQ(152.5690, 1.2770,
37.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	B180D7
RGB	177, 128, 215
RGB Percent	69%, 50%, 84%
CMY	0.3057, 0.4981, 0.1569
CMYK	0.18, 0.40, 0.00, 0.16
HSL	274°, 52%, 67%
HSV	274°, 40%, 84%
XYZ	38.1216, 29.6907, 68.0009
YIQ	152.5690, 1.2770, 37.4450

Conversions

Conversions Part 2

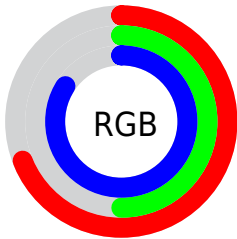
Format	Color
RYB	177, 128, 215
Decimal	11632855
CIELab	61.39, 35.17, -37.53
CIELCh	61, 51.435, 313.143
Yxy	29.6907, 0.2807, 0.2186
Android (android.graphics.Color)	4289822935 (0xFFB180D7)
YUV	152.5690, 30.7785, 21.4260
Hunter-Lab	54.4892, 29.5256, -35.8497

Details

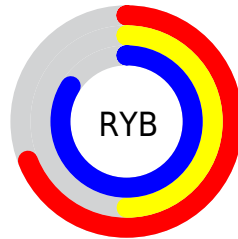
The YIQ color **152.5690, 1.2770, 37.4450** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **190.4310, -1.2770, -37.4450**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.8700, 7.5590, 33.7270**, and **100.8030, 0.4980, 35.0420** is the 20% darker color. If you saturate the color by 10%, you get **136.9640, 1.9630, 47.0430**, and if you desaturate by 10%, it is **167.5870, 0.8660, 28.3700**.

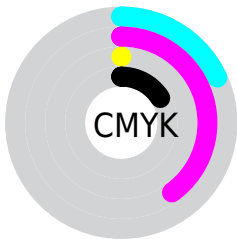
Distribution



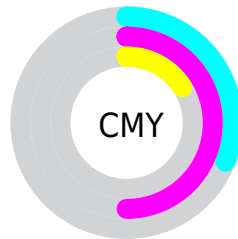
- Red (69%)
- Green (50%)
- Blue (84%)



- Red (69%)
- Yellow (50%)
- Blue (84%)



- Cyan (18%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.5690, 1.2770, 37.4450 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 152.5690, 1.2770, 37.4450 by changing the saturation by 10% instead.

152.5690, 1.2770,
37.4450

152.5690, 1.2770,
37.4450

255.0000, -0.0000,
-0.0000

126.0420, 1.3230,
36.6110

205.8700, 7.5590,
33.7270

100.8030, 0.4980,
35.0420

227.9980, 12.6500,
24.0580

75.8630, 0.2690,
33.6850

245.0210, 4.6750,
8.8910

51.1510, -0.6020,
32.9500

26.1510, -0.6020,
32.9500

14.3150, -4.3600,
23.9600

5.3920, -12.4270,

10.4610

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 152.5690, 1.2770,
37.4450

■ 152.5690, 1.2770,
37.4450

■ 136.9640, 1.9630,
47.0430

■ 167.5870, 0.8660,
28.3700

■ 121.6470, 1.7780,
55.9060

■ 183.4910, 0.7760,
18.9840

■ 106.0420, 2.4640,
65.5040

■ 198.5090, 0.3650,
9.9090

■ 91.0240, 2.8750,
74.5790

■ 214.4130, 0.2750,
0.5230

75.1200, 2.9650,
83.9650

229.4310, -0.1360,
-8.5520

60.6890, 3.1010,
92.5170

243.8620, -0.2720,
-17.1040

246.8520, 5.6880,
-14.9840

249.5430, 11.0520,
-13.0760

250.4400, 12.8400,
-12.4400

Harmonies

Analogous

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



143.8160, -54.2430, 19.3970



152.5690, 1.2770, 37.4450



150.9900, 42.6320, 42.3760

Triad

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



152.5690, 1.2770, 37.4450



145.4500, 59.6060, -11.9620



119.4150, -100.6320, -37.4960

Complementary

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



152.5690, 1.2770, 37.4450



190.4310, -1.2770, -37.4450

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.



112.8830, -84.9950, -51.0670



152.5690, 1.2770, 37.4450



141.7250, 33.2460, -29.8420

Square

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



152.5690, 1.2770, 37.4450



146.5620, 71.9350, 12.4070



135.7830, -8.2000, -38.6320



122.4420, -113.2890, -22.8650

Rectangle

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



152.5690, 1.2770, 37.4450



148.9950, 61.4310, 37.5830



135.7830, -8.2000, -38.6320



117.7050, -95.8170, -42.1610

Sweetspot

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



152.5690, 1.2770, 37.4450



232.9160, 0.7770, 13.4570



160.8110, -38.6520, 6.6600



115.0420, 0.1820, 7.7180



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.



152.5690, 1.2770, 37.4450



165.4790, 2.1910, 53.9270



163.4750, 25.2090, 44.2570



99.0480, 0.0450, 4.6930



48.1980, 2.3250, 73.5330



12.0780, 0.5010, 18.4610

Inverse Universe

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



158.3450, 39.6540, 30.2620



173.6450, 56.8450, 43.6050



179.5250, -25.2090, -44.2570



99.8590, 4.9510, 3.8870



59.6790, 77.8410, 59.5770



15.0230, 19.5290, 15.0250

Previews

White Background



This preview shows how the YIQ color 152.5690, 1.2770, 37.4450 looks on a white background.

Color Contrast Check

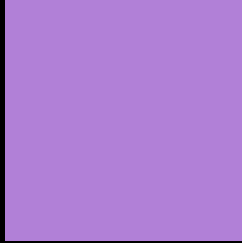
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 152.5690, 1.2770, 37.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

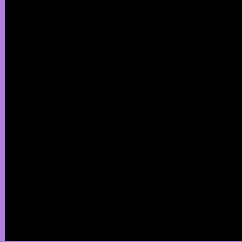
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 152.5690, 1.2770, 37.4450

Background



This preview shows how black text looks on a background with the YIQ color 152.5690, 1.2770, 37.4450.



This preview shows how white text looks on a background with the YIQ color 152.5690, 1.2770,

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

152.5690, 1.2770, 37.4450

Protanopia

147.2040, -43.6520, 20.1880

Deuteranopia

147.7180, -33.6560, 15.2400



Tritanopia

150.0280, 11.9650, 8.9330

Trichromacy



Original Color

152.5690, 1.2770, 37.4450

Protanomaly

148.8040, -27.6060, 26.7460

Deuteranomaly

149.4040, -20.7280, 23.2400

Tritanomaly

150.9110, 8.3410, 19.5490

Monochromacy



Original Color

152.5690, 1.2770, 37.4450

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.0300, 0.4560, 13.7680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.5690, 1.2770, 37.4450 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(177, 128, 215)` looks like.

```
.text, #text, p{  
    color:rgb(177, 128, 215)  
}
```

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(177, 128, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 128, 215) }
```

Border

The CSS property to change the border of an element to YIQ 152.5690, 1.2770, 37.4450 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(177, 128, 215) }
```


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

```
.border{ border-color:rgb(177, 128, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 128, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 128, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 128, 215);  
box-shadow:4px 4px 4px 4px rgb(177, 128,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 152.5690, 1.2770, 37.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 128, 215) }
```

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

```
.background{ background-color: rgb(177,  
128, 215) }
```

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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