

Converting Colors

YIQ(102.7760, -29.2620,
56.7700)

Have a look what the booklet for
YIQ(102.7760, -29.2620, 56.7700)
contains.

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Color

**YIQ(102.7760, -29.2620,
56.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	6E4AE8
RGB	110, 74, 232
RGB Percent	43%, 29%, 91%
CMY	0.5684, 0.7099, 0.0904
CMYK	0.53, 0.68, 0.00, 0.09
HSL	254°, 77%, 60%
HSV	254°, 68%, 91%
XYZ	23.4409, 14.0363, 77.7725
YIQ	102.7760, -29.2620, 56.7700

Conversions

Conversions Part 2

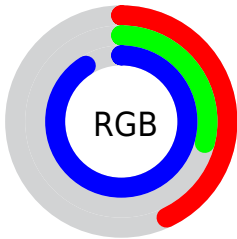
Format	Color
R_{YB}	110, 74, 232
Decimal	7228136
CIE _{Lab}	44.29, 53.71, -74.84
CIE _{LCh}	44, 92.117, 305.664
Yxy	14.0363, 0.2034, 0.1218
Android (android.graphics.Color)	4285418216 (0xFF6E4AE8)
YUV	102.7760, 63.7074, 6.3354
Hunter-Lab	37.4651, 46.1186, -96.8524

Details

The YIQ color **102.7760, -29.2620, 56.7700** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **203.2240, 29.2620, -56.7700**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.5740, -14.3140, 50.1820**, and **45.9980, -38.9350, 50.3530** is the 20% darker color. If you saturate the color by 10%, you get **83.8930, -33.6650, 64.9830**, and if you desaturate by 10%, it is **121.6590, -24.8590, 48.5570**.

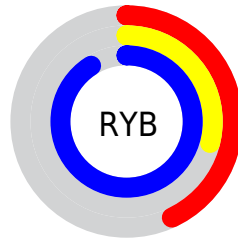
Distribution



Red (43%)

Green (29%)

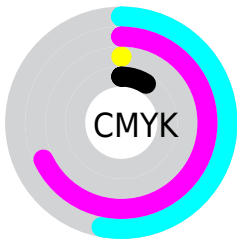
Blue (91%)



Red (43%)

Yellow (29%)

Blue (91%)

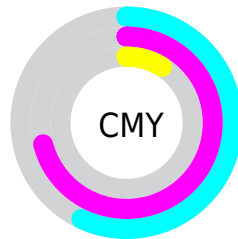


Cyan (53%)

Magenta (68%)

Yellow (0%)

Black (9%)



Cyan (57%)

Magenta (71%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.7760, -29.2620, 56.7700 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 102.7760, -29.2620, 56.7700 by changing the saturation by 10% instead.

■ 102.7760,
-29.2620, 56.7700

■ 102.7760,
-29.2620, 56.7700

■ 255.0000, -0.0000,
-0.0000

■ 75.2270, -32.1500,
54.0420

■ 153.5740,
-14.3140, 50.1820

■ 45.9980, -38.9350,
50.3530

■ 178.3930, -3.8590,
42.4210

■ 16.8720, -47.5080,
46.0280

■ 203.2120, 6.5960,
34.6600

■ 13.7940, -38.8410,
37.6310

■ 226.8240, 13.2000,
25.1040

■ 10.8300, -30.4950,
29.5450

■ 243.8470, 5.2250,
9.9370

■ 12.6760, -24.6700,
17.5860

■ 7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 102.7760,
-29.2620, 56.7700

■ 102.7760,
-29.2620, 56.7700

■ 83.8930, -33.6650,
64.9830

■ 121.6590,
-24.8590, 48.5570

■ 65.0100, -38.0680,
73.1960

■ 140.5420,
-20.4560, 40.3440

■ 45.5400, -42.1960,
81.9320

■ 160.0120,
-16.3280, 31.6080

■ 42.2950, -42.8840,
83.3880

■ 178.8950,
-11.9250, 23.3950

■ 197.7780, -7.5220,
15.1820

■ 216.3620, -3.7150,
6.7570

■ 235.2450, 0.6880,
-1.4560

■ 251.7800, 6.1910,
-7.5770

■ 252.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



94.8140, -112.6550, 20.7290



102.7760, -29.2620, 56.7700



79.7780, 65.8220, 95.6940

Triad

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



102.7760, -29.2620, 56.7700



96.0620, 84.5460, -1.3900



91.5230, -74.4530, -32.8610

Complementary

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



102.7760, -29.2620, 56.7700



203.2240, 29.2620, -56.7700

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.



80.0720, -46.3430, -57.7270



102.7760, -29.2620, 56.7700



97.1940, 39.1150, -31.5810

Square

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



102.7760, -29.2620, 56.7700



67.1200, 124.4710, 51.5030



72.2010, -33.8250, -64.3290



100.7740, -99.1240, -9.7480

Rectangle

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



102.7760, -29.2620, 56.7700



81.1400, 96.4970, 84.9210



72.2010, -33.8250, -64.3290



88.4450, -65.7860, -41.2580

Sweetspot

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



102.7760, -29.2620, 56.7700



213.4020, -9.2190, 18.4050



164.8000, -84.8180, -15.7140



102.6270, -5.7790, 11.1250



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.



102.7760, -29.2620, 56.7700



84.1780, -38.4810, 75.1750



125.7990, 16.6300, 73.0940



105.2650, -2.0640, 4.3680



32.6650, -33.0230, 64.3610



9.4020, -9.2190, 18.4050

Inverse Universe

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



135.1500, 55.0060, 71.4380



126.8450, 72.8830, 94.3790



180.2010, -16.6300, -73.0940



107.6140, 4.2630, 5.3430



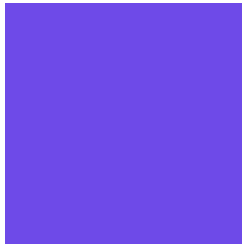
69.2530, 62.3860, 80.8660



19.6950, 17.8770, 22.9410

Previews

White Background



This preview shows how the YIQ color 102.7760, -29.2620, 56.7700 looks on a white background.

Color Contrast Check

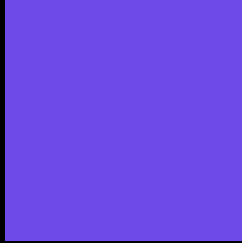
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 102.7760, -29.2620, 56.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

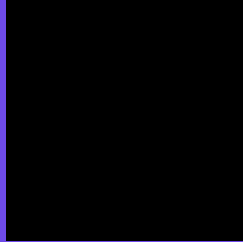
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 102.7760, -29.2620, 56.7700

Background



This preview shows how black text looks on a background with the YIQ color 102.7760, -29.2620, 56.7700.



This preview shows how white text looks on a background with the YIQ color 102.7760, -29.2620,

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

102.7760, -29.2620, 56.7700

Protanopia

83.5690, -96.1480, 13.4200

Deuteranopia

83.6710, -88.1680, 0.9520



Tritanopia

100.2620, -24.3450, -4.8330

Trichromacy



Original Color

102.7760, -29.2620, 56.7700

Protanomaly

90.4570, -71.8050, 29.3070

Deuteranomaly

90.6390, -66.8060, 21.3060

Tritanomaly

101.1920, -26.1830, 17.4730

Monochromacy



Original Color

102.7760, -29.2620, 56.7700

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.7980, -10.2740, 21.0060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.7760, -29.2620, 56.7700 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(110, 74, 232)` looks like.

```
.text, #text, p{  
    color:rgb(110, 74, 232)  
}
```

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(110, 74, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 74, 232) }
```

Border

The CSS property to change the border of an element to YIQ 102.7760, -29.2620, 56.7700 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(110, 74, 232) }
```


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

```
.border{ border-color:rgb(110, 74, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 74, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 74, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 74, 232);  
box-shadow:4px 4px 4px 4px rgb(110, 74,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 102.7760, -29.2620, 56.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 74, 232) }
```

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

```
.background{ background-color: rgb(110, 74,  
232) }
```

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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