

Converting Colors

YIQ(77.0120, 10.0350, 32.9070)

Have a look what the booklet for
YIQ(77.0120, 10.0350, 32.9070)
contains.

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Color

**YIQ(77.0120, 10.0350,
32.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	6B357A
RGB	107, 53, 122
RGB Percent	42%, 21%, 48%
CMY	0.5802, 0.7922, 0.5216
CMYK	0.12, 0.57, 0.00, 0.52
HSL	287°, 39%, 34%
HSV	287°, 57%, 48%
XYZ	10.8534, 7.0777, 19.2053
YIQ	77.0120, 10.0350, 32.9070

Conversions

Conversions Part 2

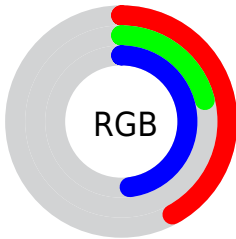
Format	Color
R_{YB}	107, 53, 122
Decimal	7026042
CIE _{Lab}	31.98, 35.75, -29.43
CIE _{LCh}	32, 46.308, 320.535
Yxy	7.0777, 0.2923, 0.1906
Android (android.graphics.Color)	4285216122 (0xFF6B357A)
YUV	77.0120, 22.1791, 26.2995
Hunter-Lab	26.6040, 26.2640, -24.1785

Details

The YIQ color **77.0120, 10.0350, 32.9070** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.9880, -10.0350, -32.9070**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.6640, 11.1350, 34.9990**, and **27.1260, 9.7140, 33.2180** is the 20% darker color. If you saturate the color by 10%, you get **69.0710, 11.5470, 38.5470**, and if you desaturate by 10%, it is **84.9530, 8.5230, 27.2670**.

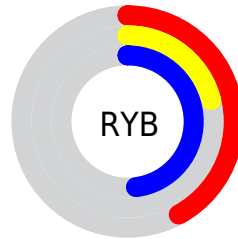
Distribution



Red (42%)

Green (21%)

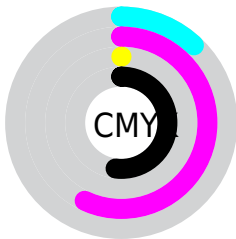
Blue (48%)



Red (42%)

Yellow (21%)

Blue (48%)

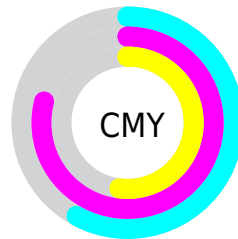


Cyan (12%)

Magenta (57%)

Yellow (0%)

Black (52%)



Cyan (58%)

Magenta (79%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.0120, 10.0350, 32.9070 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 77.0120, 10.0350, 32.9070 by changing the saturation by 10% instead.

■ 77.0120, 10.0350,
32.9070

■ 77.0120, 10.0350,
32.9070

■ 255.0000, -0.0000,
-0.0000

■ 52.5990, 9.7600,
32.3840

■ 127.6640, 11.1350,
34.9990

■ 27.1260, 9.7140,
33.2180

■ 154.3760, 12.0060,
35.7340

■ 16.4640, 5.4060,
23.1820

■ 181.9030, 11.9600,
36.5680

■ 3.7790, -9.2630,
8.1850

■ 209.1590, 14.1150,
36.0590

■ 0.0000, 0.0000,
0.0000

■ 228.5850, 12.3750,
23.5350

■ 245.0210, 4.6750,

8.8910

■ 77.0120, 10.0350,
32.9070

■ 77.0120, 10.0350,
32.9070

■ 69.0710, 11.5470,
38.5470

■ 84.9530, 8.5230,
27.2670

■ 61.4290, 13.6550,
44.3990

■ 92.5950, 6.4150,
21.4150

■ 52.9010, 15.4420,
50.5620

■ 101.1230, 4.6280,
15.2520

■ 44.9600, 16.9540,
56.2020

■ 109.0640, 3.1160,
9.6120

■ 42.6120, 18.0540,
58.2940

■ 116.7060, 1.0080,
3.7600

■ 124.6470, -0.5040,
-1.8800

■ 132.5880, -2.0160,
-7.5200

■ 140.8170, -4.3990,
-13.8950

■ 148.7580, -5.9110,
-19.5350

Harmonies

Analogous

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



72.1460, -37.7370, 17.6150



77.0120, 10.0350, 32.9070



71.8170, 41.4410, 36.4250

Triad

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



77.0120, 10.0350, 32.9070



71.2890, 40.9460, -15.1980



65.4040, -57.4000, -17.0160

Complementary

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



77.0120, 10.0350, 32.9070



97.9880, -10.0350, -32.9070

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.



60.4850, -44.9270, -28.3110



77.0120, 10.0350, 32.9070



67.8790, 18.2530, -27.9470

Square

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



77.0120, 10.0350, 32.9070



70.8370, 54.7430, 4.5910



58.6920, -23.8810, -35.2810



67.1770, -66.5260, -5.8060

Rectangle

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



77.0120, 10.0350, 32.9070



69.4020, 52.6750, 31.0670



58.6920, -23.8810, -35.2810



64.0360, -53.5480, -20.7480

Sweetspot

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



77.0120, 10.0350, 32.9070



140.3570, 3.8490, 12.8490



69.6710, -26.2740, 13.6140



68.7110, 2.6120, 7.7320



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



77.0120, 10.0350, 32.9070



88.3140, 15.7170, 51.0850



79.2170, 25.3950, 29.8670



57.1790, 1.0540, 2.9260



43.5520, 18.2830, 59.6510



87.9300, 37.1160, 120.3480

Inverse Universe

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



75.3410, 36.3090, 19.2930



85.6150, 56.3890, 29.8370



95.7830, -25.3950, -29.8670



56.9080, 3.2550, 1.5830



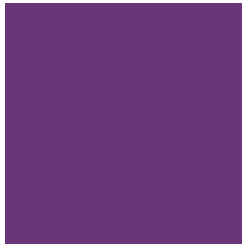
40.4530, 65.8330, 34.8970



81.6180, 132.5370, 70.5290

Previews

White Background



This preview shows how the YIQ color 77.0120, 10.0350, 32.9070 looks on a white background.

Color Contrast Check

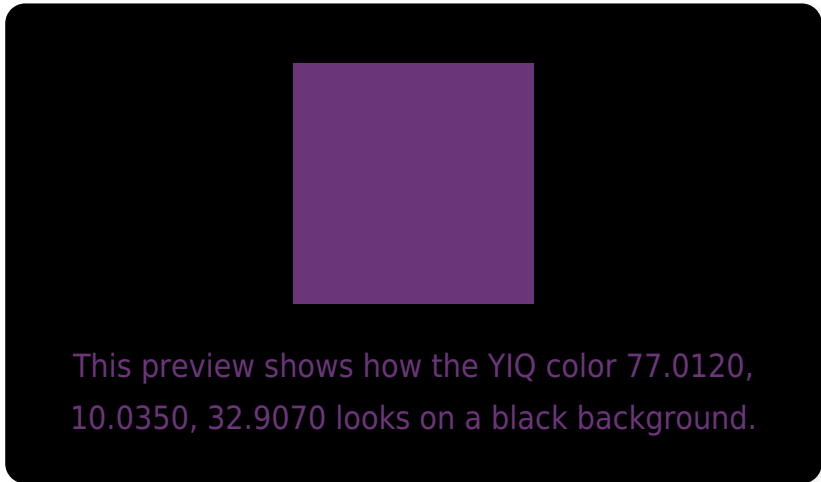
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.0120, 10.0350, 32.9070

Background



This preview shows how black text looks on a background with the YIQ color 77.0120, 10.0350, 32.9070.



This preview shows how white text looks on a background with the YIQ color 77.0120, 10.0350,

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

77.0120, 10.0350, 32.9070

Protanopia

71.5860, -42.0920, 13.9400

Deuteranopia

74.2100, -26.5940, 8.3980



Tritanopia

76.7360, 18.6590, 8.7630

Trichromacy



Original Color

77.0120, 10.0350, 32.9070

Protanomaly

73.2680, -23.3410, 21.0350

Deuteranomaly

75.3090, -13.3910, 16.9210

Tritanomaly

76.8640, 15.7230, 17.9230

Monochromacy



Original Color

77.0120, 10.0350, 32.9070

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.8300, 3.8950, 12.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.0120, 10.0350, 32.9070 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(107, 53, 122)` looks like.

```
.text, #text, p{  
    color:rgb(107, 53, 122)  
}
```

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(107, 53, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 53, 122) }
```

Border

The CSS property to change the border of an element to YIQ 77.0120, 10.0350, 32.9070 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(107, 53, 122) }
```


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

```
.border{ border-color:rgb(107, 53, 122) }
```

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

Here you see how a box with a 4 pixel rgb(107, 53, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 53, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 53, 122);  
box-shadow:4px 4px 4px 4px rgb(107, 53,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 77.0120, 10.0350, 32.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 53, 122) }
```

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

```
.background{ background-color: rgb(107, 53,  
122) }
```

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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