

Converting Colors

YIQ(72.4030, 7.3760, 31.5360)

Have a look what the booklet for
YIQ(72.4030, 7.3760, 31.5360)
contains.

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Color

**YIQ(72.4030, 7.3760,
31.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	633276
RGB	99, 50, 118
RGB Percent	39%, 20%, 46%
CMY	0.6116, 0.8040, 0.5373
CMYK	0.16, 0.58, 0.00, 0.54
HSL	283°, 40%, 33%
HSV	283°, 58%, 46%
XYZ	9.5594, 6.2423, 17.8387
YIQ	72.4030, 7.3760, 31.5360

Conversions

Conversions Part 2

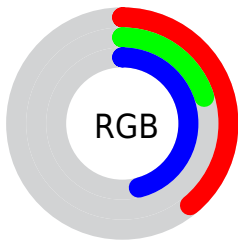
Format	Color
R_{YB}	99, 50, 118
Decimal	6500982
CIE _{Lab}	30.02, 34.18, -30.10
CIE _{LCh}	30, 45.545, 318.633
Yxy	6.2423, 0.2842, 0.1856
Android (android.graphics.Color)	4284691062 (0xFF633276)
YUV	72.4030, 22.4793, 23.3256
Hunter-Lab	24.9845, 24.5736, -24.8434

Details

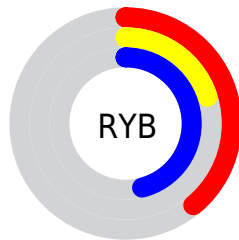
The YIQ color **72.4030, 7.3760, 31.5360** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.5970, -7.3760, -31.5360**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.0550, 8.4760, 33.6280**, and **23.6910, 6.5050, 30.8010** is the 20% darker color. If you saturate the color by 10%, you get **64.4620, 8.8880, 37.1760**, and if you desaturate by 10%, it is **80.3440, 5.8640, 25.8960**.

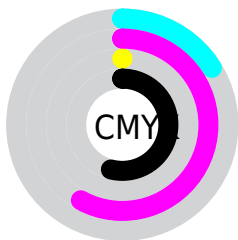
Distribution



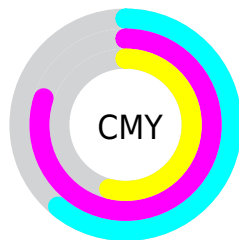
- Red (39%)
- Green (20%)
- Blue (46%)



- Red (39%)
- Yellow (20%)
- Blue (46%)



- Cyan (16%)
- Magenta (58%)
- Yellow (0%)
- Black (54%)



- Cyan (61%)
- Magenta (80%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.4030, 7.3760, 31.5360 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 72.4030, 7.3760, 31.5360 by changing the saturation by 10% instead.

72.4030, 7.3760,
31.5360

72.4030, 7.3760,
31.5360

255.0000, -0.0000,
-0.0000

47.9900, 7.1010,
31.0130

123.0550, 8.4760,
33.6280

23.6910, 6.5050,
30.8010

148.8810, 9.0260,
34.6740

14.6270, 3.3890,
21.1890

176.2940, 9.3010,
35.1970

3.4370, -8.3000,
7.2520

204.1200, 9.8510,
36.2430

0.0000, 0.0000,
0.0000

225.6500, 13.7500,
26.1500

242.6730, 5.7750,

10.9830

■ 72.4030, 7.3760,
31.5360

■ 72.4030, 7.3760,
31.5360

■ 64.4620, 8.8880,
37.1760

■ 80.3440, 5.8640,
25.8960

■ 56.2220, 9.8040,
42.6040

■ 88.5840, 4.9480,
20.4680

■ 48.8680, 11.0410,
47.7210

■ 95.9380, 3.7110,
15.3510

■ 40.9270, 12.5530,
53.3610

■ 103.8790, 2.1990,
9.7110

■ 38.8670, 12.7820,
54.7180

■ 111.8200, 0.6870,
4.0710

■ 120.0600, -0.2290,
-1.3570

■ 128.0010, -1.7410,
-6.9970

■ 135.3550, -2.9780,
-12.1140

■ 143.5950, -3.8940,
-17.5420

Harmonies

Analogous

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



65.5260, -41.8630, 15.2970



72.4030, 7.3760, 31.5360



67.1480, 39.0110, 36.4110

Triad

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



72.4030, 7.3760, 31.5360



66.8700, 40.8080, -12.6960



61.5570, -53.4570, -16.8890

Complementary

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



72.4030, 7.3760, 31.5360



95.5970, -7.3760, -31.5360

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.



56.8660, -41.6260, -27.5620



72.4030, 7.3760, 31.5360



64.3460, 18.4360, -25.7560

Square

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



72.4030, 7.3760, 31.5360



66.2930, 53.4590, 5.8350



54.7850, -19.7090, -33.7970



63.9170, -62.8580, -6.2020

Rectangle

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



72.4030, 7.3760, 31.5360



64.4450, 51.1160, 31.7880



54.7850, -19.7090, -33.7970



59.6020, -49.3300, -20.0980

Sweetspot

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



72.4030, 7.3760, 31.5360



135.6450, 2.9780, 12.1140



68.9050, -27.0530, 11.2110



66.1130, 1.4200, 7.3080



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



72.4030, 7.3760, 31.5360



82.1070, 11.8660, 49.2900



76.3740, 23.5150, 30.8990



54.8800, 0.4580, 2.7140



40.2200, 13.2860, 56.5980



82.3200, 27.0300, 115.9100

Inverse Universe

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



72.4980, 34.4290, 20.3250



82.1140, 53.5460, 31.8020



91.6260, -23.5150, -30.8990



54.9080, 3.2550, 1.5830



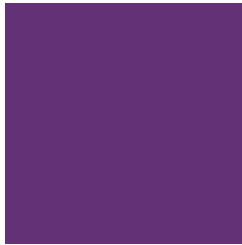
40.3540, 61.7980, 36.4380



82.7300, 126.5300, 74.7700

Previews

White Background



This preview shows how the YIQ color 72.4030, 7.3760, 31.5360 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 72.4030, 7.3760, 31.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

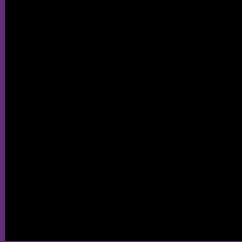
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.4030, 7.3760, 31.5360

Background



This preview shows how black text looks on a background with the YIQ color 72.4030, 7.3760, 31.5360.



This preview shows how white text looks on a background with the YIQ color 72.4030, 7.3760,

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

72.4030, 7.3760, 31.5360

Protanopia

65.9880, -43.2840, 13.5160

Deuteranopia

68.7260, -28.1070, 8.2850



Tritanopia

72.2410, 15.6790, 7.7030

Trichromacy



Original Color

72.4030, 7.3760, 31.5360

Protanomaly

68.2570, -24.8080, 20.0880

Deuteranomaly

69.8250, -14.9040, 16.8080

Tritanomaly

72.2550, 13.0640, 16.5520

Monochromacy



Original Color

72.4030, 7.3760, 31.5360

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.2320, 2.7030, 11.5910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.4030, 7.3760, 31.5360 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(99, 50, 118)` looks like.

```
.text, #text, p{  
    color:rgb(99, 50, 118)  
}
```

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(99, 50, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 50, 118) }
```

Border

The CSS property to change the border of an element to YIQ 72.4030, 7.3760, 31.5360 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(99, 50, 118) }
```


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

```
.border{ border-color:rgb(99, 50, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 50, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 50, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 50, 118);  
box-shadow:4px 4px 4px 4px rgb(99, 50,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 72.4030, 7.3760, 31.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 50, 118) }
```

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

```
.background{ background-color: rgb(99, 50,  
118) }
```

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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