

Converting Colors

YIQ(77.5050, 24.5240, 29.1320)

Have a look what the booklet for
YIQ(77.5050, 24.5240, 29.1320)
contains.

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Color

**YIQ(77.5050, 24.5240,
29.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	773464
RGB	119, 52, 100
RGB Percent	47%, 20%, 39%
CMY	0.5331, 0.7962, 0.6078
CMYK	0.00, 0.56, 0.16, 0.53
HSL	317°, 39%, 34%
HSV	317°, 56%, 47%
XYZ	11.1421, 7.2992, 12.8821
YIQ	77.5050, 24.5240, 29.1320

Conversions

Conversions Part 2

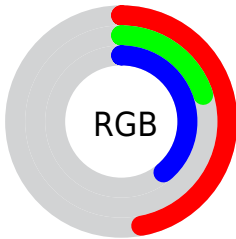
Format	Color
R_{YB}	119, 52, 100
Decimal	7812196
CIE _{Lab}	32.48, 35.75, -14.60
CIE _{LCh}	32, 38.614, 337.784
Yxy	7.2992, 0.3557, 0.2330
Android (android.graphics.Color)	4286002276 (0xFF773464)
YUV	77.5050, 11.0900, 36.3911
Hunter-Lab	27.0171, 26.3352, -9.3583

Details

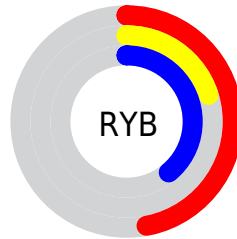
The YIQ color **77.5050, 24.5240, 29.1320** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.4950, -24.5240, -29.1320**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.8150, 26.5870, 30.2910**, and **26.3740, 23.5150, 30.8990** is the 20% darker color. If you saturate the color by 10%, you get **70.1190, 28.7870, 34.4750**, and if you desaturate by 10%, it is **84.8910, 20.2610, 23.7890**.

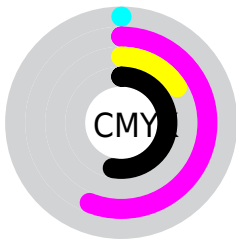
Distribution



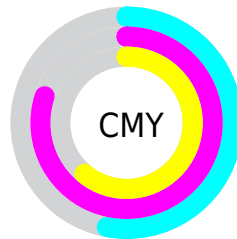
- Red (47%)
- Green (20%)
- Blue (39%)



- Red (47%)
- Yellow (20%)
- Blue (39%)



- Cyan (0%)
- Magenta (56%)
- Yellow (16%)
- Black (53%)





- Cyan (53%)
- Magenta (80%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 77.5050, 24.5240, 29.1320 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 77.5050, 24.5240, 29.1320 by changing the saturation by 10% instead.


 77.5050, 24.5240,
29.1320


 77.5050, 24.5240,
29.1320


255.0000, -0.0000,
-0.0000


 52.3200, 23.6070,
29.2310


 128.8150, 26.5870,
30.2910


 26.3740, 23.5150,
30.8990

 155.5270, 27.4580,
31.0260


 17.4020, 17.1440,
19.7040

 182.5380, 28.9250,
31.9730

 2.5490, 2.8880,
2.7280

 209.6410, 27.1370,
31.3370

 0.0000, 0.0000,
0.0000

 227.9980, 12.6500,
24.0580

 245.0210, 4.6750,

8.8910

■ 77.5050, 24.5240,
29.1320

■ 77.5050, 24.5240,
29.1320

■ 70.1190, 28.7870,
34.4750

■ 84.8910, 20.2610,
23.7890

■ 62.6190, 33.3710,
39.5070

■ 92.3910, 15.6770,
18.7570

■ 55.2330, 37.6340,
44.8500

■ 99.7770, 11.4140,
13.4140

■ 47.8470, 41.8970,
50.1930

■ 107.2770, 6.8300,
8.3820

■ 45.2710, 43.6390,
51.6630

■ 114.0760, 2.8420,
3.5620

■ 121.4620, -1.4210,
-1.7810

■ 128.9620, -6.0050,
-6.8130

■ 136.3480,
-10.2680, -12.1560

■ 143.7340,
-14.5310, -17.4990

Harmonies

Analogous

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



78.7170, -5.5520, 23.5360



77.5050, 24.5240, 29.1320



74.7380, 42.6810, 24.9610

Triad

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



77.5050, 24.5240, 29.1320



71.4120, 27.2380, -20.0740



65.7120, -61.0230, -11.9270

Complementary

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



77.5050, 24.5240, 29.1320



93.4950, -24.5240, -29.1320

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.



62.9930, -51.9890, -21.4690



77.5050, 24.5240, 29.1320



68.1790, -0.0870, -25.9670

Square

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



77.5050, 24.5240, 29.1320



73.5700, 41.9530, -5.9110



58.1710, -41.1670, -30.3750



65.6440, -66.3430, -3.6150

Rectangle

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



77.5050, 24.5240, 29.1320



74.5070, 47.4050, 16.4370



58.1710, -41.1670, -30.3750



65.2730, -58.4090, -15.2490

Sweetspot

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



77.5050, 24.5240, 29.1320



139.2390, 9.9930, 11.6330



65.3190, -10.1830, 24.8650



69.1520, 5.6840, 7.1240



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.



77.5050, 24.5240, 29.1320



90.3580, 38.7800, 46.1080



73.7430, 35.1170, 18.8690



55.2500, 2.2920, 2.5160



46.5100, 44.4640, 53.2320



95.1560, 91.5410, 108.6690

Inverse Universe

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



77.5050, 24.5240, 29.1320



90.3580, 38.7800, 46.1080



97.3710, -35.4380, -18.5580



55.2500, 2.2920, 2.5160



46.5100, 44.4640, 53.2320



95.1560, 91.5410, 108.6690

Previews

White Background



This preview shows how the YIQ color 77.5050, 24.5240, 29.1320 looks on a white background.

Color Contrast Check

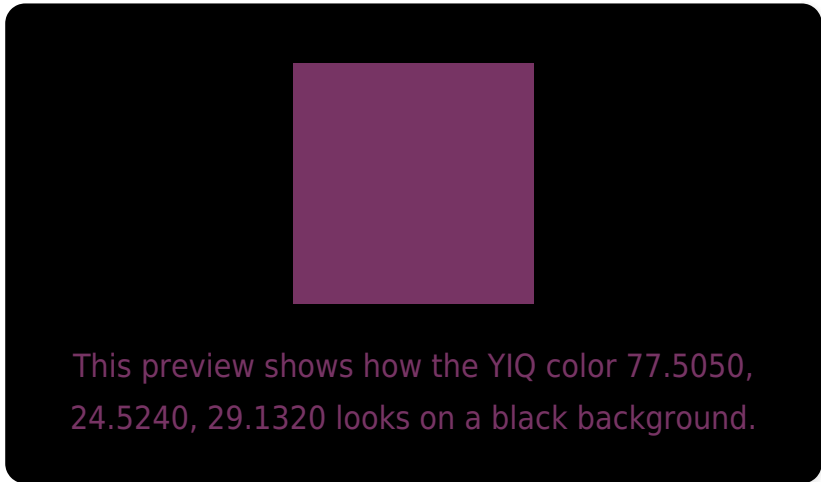
Large Text (above 18pt) WCAG AA ✓ Pass

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

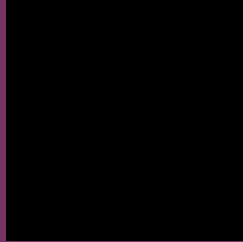
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.5050, 24.5240, 29.1320

Background



This preview shows how black text looks on a background with the YIQ color 77.5050, 24.5240, 29.1320.



This preview shows how white text looks on a background with the YIQ color 77.5050, 24.5240,

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

77.5050, 24.5240, 29.1320

Protanopia

76.6020, -21.8260, 10.0940

Deuteranopia

77.9810, -7.0160, 6.0080



Tritanopia

77.0150, 31.1750, 13.2150

Trichromacy



Original Color

77.5050, 24.5240, 29.1320

Protanomaly

76.8000, -4.5880, 17.0760

Deuteranomaly

77.5960, 4.6740, 14.4180

Tritanomaly

77.0350, 28.4230, 19.0390

Monochromacy



Original Color

77.5050, 24.5240, 29.1320

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.5050, 24.5240, 29.1320 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(119, 52, 100)` looks like.

```
.text, #text, p{  
    color:rgb(119, 52, 100)  
}
```

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(119, 52, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 52, 100) }
```

Border

The CSS property to change the border of an element to YIQ 77.5050, 24.5240, 29.1320 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(119, 52, 100) }
```


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

```
.border{ border-color:rgb(119, 52, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 52, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 52, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 52, 100);  
box-shadow:4px 4px 4px 4px rgb(119, 52,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 77.5050, 24.5240, 29.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 52, 100) }
```

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

```
.background{ background-color: rgb(119, 52,  
100) }
```

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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