

Converting Colors

YIQ(68.5780, 31.4480, 24.7920)

Have a look what the booklet for
YIQ(68.5780, 31.4480, 24.7920)
contains.

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Color

**YIQ(68.5780, 31.4480,
24.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	722C4C
RGB	114, 44, 76
RGB Percent	45%, 17%, 30%
CMY	0.5528, 0.8276, 0.7019
CMYK	0.00, 0.61, 0.33, 0.55
HSL	333°, 44%, 31%
HSV	333°, 61%, 45%
XYZ	9.1506, 5.9019, 7.4990
YIQ	68.5780, 31.4480, 24.7920

Conversions

Conversions Part 2

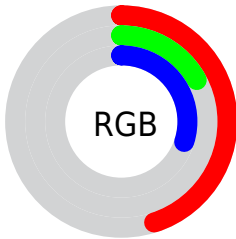
Format	Color
R_{YB}	114, 44, 76
Decimal	7482444
CIE Lab	29.16, 34.49, -4.11
CIE LCh	29, 34.734, 353.201
Yxy	5.9019, 0.4058, 0.2617
Android (android.graphics.Color)	4285672524 (0xFF722C4C)
YUV	68.5780, 3.6590, 39.8351
Hunter-Lab	24.2939, 24.7200, -1.2959

Details

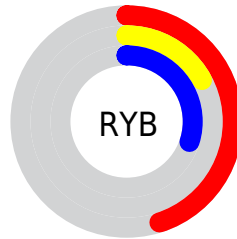
The YIQ color **68.5780, 31.4480, 24.7920** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **89.4220, -31.4480, -24.7920**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.0730, 34.4280, 25.8520**, and **22.4850, 27.2760, 23.3080** is the 20% darker color. If you saturate the color by 10%, you get **61.4370, 36.3990, 28.6790**, and if you desaturate by 10%, it is **75.7190, 26.4970, 20.9050**.

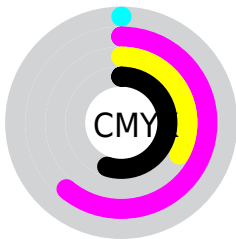
Distribution



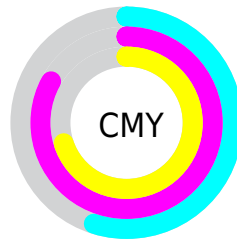
- Red (45%)
- Green (17%)
- Blue (30%)



- Red (45%)
- Yellow (17%)
- Blue (30%)



- Cyan (0%)
- Magenta (61%)
- Yellow (33%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.5780, 31.4480, 24.7920 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 68.5780, 31.4480, 24.7920 by changing the saturation by 10% instead.

68.5780, 31.4480,
24.7920

68.5780, 31.4480,
24.7920

255.0000, -0.0000,
-0.0000

43.5070, 30.2100,
25.2020

119.0730, 34.4280,
25.8520

22.4850, 27.2760,
23.3080

145.6710, 35.6200,
26.2760

13.4700, 22.4640,
11.3920

172.5680, 37.4080,
26.9120

0.0000, 0.0000,
0.0000

200.2800, 38.2790,
27.6470

220.2070, 22.1870,
21.9230

239.7380, 7.1500,

13.5980

■ 68.5780, 31.4480,
24.7920

■ 68.5780, 31.4480,
24.7920

■ 61.4370, 36.3990,
28.6790

■ 75.7190, 26.4970,
20.9050

■ 53.7090, 41.6250,
33.0890

■ 83.4470, 21.2710,
16.4950

■ 46.4540, 46.8970,
36.6650

■ 90.7020, 15.9990,
12.9190

■ 40.0140, 51.2520,
40.3400

■ 98.4300, 10.7730,
8.5090

■ 105.5710, 5.8220,
4.6220

■ 112.7120, 0.8710,
0.7350

■ 120.4400, -4.3550,
-3.6750

■ 127.6950, -9.6270,
-7.2510

■ 135.4230,
-14.8530, -11.6610

Harmonies

Analogous

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



71.0300, 9.6240, 23.8320



68.5780, 31.4480, 24.7920



66.9840, 41.6280, 16.5080

Triad

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



68.5780, 31.4480, 24.7920



63.5720, 12.1080, -21.2040



59.0270, -57.3560, -6.7960

Complementary

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



68.5780, 31.4480, 24.7920



89.4220, -31.4480, -24.7920

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.



57.6930, -50.8440, -14.6840



68.5780, 31.4480, 24.7920



58.4360, -16.8680, -24.7080

Square

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



68.5780, 31.4480, 24.7920



65.6070, 31.3630, -12.2290



54.6150, -42.1770, -23.0810



57.3460, -59.5120, -0.7600

Rectangle

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



68.5780, 31.4480, 24.7920



67.1870, 42.1340, 7.3340



54.6150, -42.1770, -23.0810



58.9300, -55.7050, -9.1850

Sweetspot

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



68.5780, 31.4480, 24.7920



130.4410, 12.2400, 9.4560



63.0430, -0.4180, 29.6140



63.5820, 7.2890, 5.5690



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



68.5780, 31.4480, 24.7920



76.7040, 49.1890, 39.1810



66.1040, 41.1700, 13.7940



52.1360, 2.6130, 2.2050



42.1500, 53.8650, 42.5450



86.7350, 110.9390, 87.5070

Inverse Universe

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



68.5780, 31.4480, 24.7920



76.7040, 49.1890, 39.1810



91.8960, -41.1700, -13.7940



52.1360, 2.6130, 2.2050



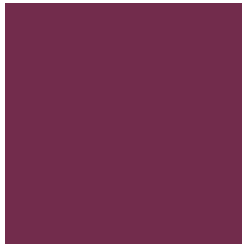
42.1500, 53.8650, 42.5450



86.7350, 110.9390, 87.5070

Previews

White Background



This preview shows how the YIQ color 68.5780, 31.4480, 24.7920 looks on a white background.

Color Contrast Check

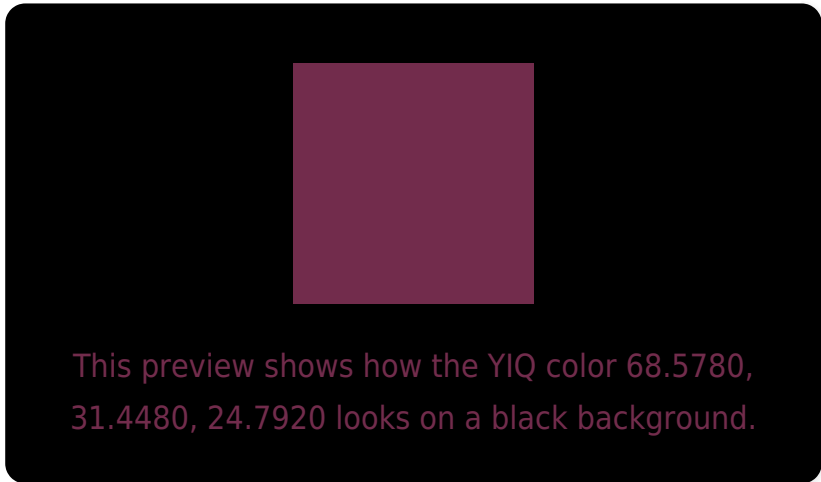
Large Text (above 18pt) WCAG AA ✓ Pass

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

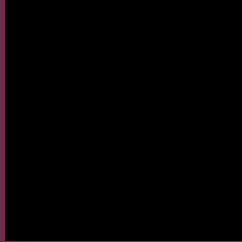
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.5780, 31.4480, 24.7920

Background



This preview shows how black text looks on a background with the YIQ color 68.5780, 31.4480, 24.7920.



This preview shows how white text looks on a background with the YIQ color 68.5780, 31.4480,

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

68.5780, 31.4480, 24.7920

Protanopia

69.8280, -10.9590, 5.8810

Deuteranopia

70.5490, 2.8880, 2.7280



Tritanopia

68.1790, 36.5850, 14.2890

Trichromacy



Original Color

68.5780, 31.4480, 24.7920

Protanomaly

69.5420, 4.7660, 12.7500

Deuteranomaly

69.5660, 13.3860, 10.7140

Tritanomaly

68.3300, 34.8420, 18.3460

Monochromacy



Original Color

68.5780, 31.4480, 24.7920

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.8430, 11.0480, 9.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.5780, 31.4480, 24.7920 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(114, 44, 76)` looks like.

```
.text, #text, p{  
    color:rgb(114, 44, 76)  
}
```

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(114, 44, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 44, 76) }
```

Border

The CSS property to change the border of an element to YIQ 68.5780, 31.4480, 24.7920 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(114, 44, 76) }
```


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

```
.border{ border-color:rgb(114, 44, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 44, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 44, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 44, 76);  
box-shadow:4px 4px 4px 4px rgb(114, 44,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 68.5780, 31.4480, 24.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 44, 76) }
```

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

```
.background{ background-color: rgb(114, 44,  
76) }
```

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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