

Converting Colors

YIQ(56.1470, 48.7790, 24.5790)

Have a look what the booklet for
YIQ(56.1470, 48.7790, 24.5790)
contains.

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Color

**YIQ(56.1470, 48.7790,
24.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	761B2C
RGB	118, 27, 44
RGB Percent	46%, 11%, 17%
CMY	0.5370, 0.8942, 0.8273
CMYK	0.00, 0.77, 0.63, 0.54
HSL	349°, 63%, 28%
HSV	349°, 77%, 46%
XYZ	8.3256, 4.8199, 2.8789
YIQ	56.1470, 48.7790, 24.5790

Conversions

Conversions Part 2

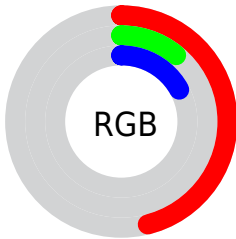
Format	Color
R_{YB}	118, 27, 44
Decimal	7740204
CIE _{Lab}	26.22, 40.09, 13.20
CIE _{LCh}	26, 42.211, 18.226
Yxy	4.8199, 0.5196, 0.3008
Android (android.graphics.Color)	4285930284 (0xFF761B2C)
YUV	56.1470, -5.9885, 54.2451
Hunter-Lab	21.9543, 29.2716, 7.5931

Details

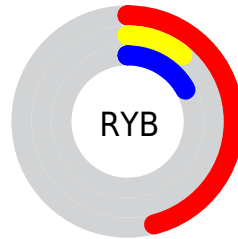
The YIQ color **56.1470, 48.7790, 24.5790** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **88.8530, -48.7790, -24.5790**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **108.8440, 54.0060, 23.4620**, and **19.1360, 38.1440, 13.5680** is the 20% darker color. If you saturate the color by 10%, you get **47.9630, 55.2890, 27.7450**, and if you desaturate by 10%, it is **64.3310, 42.2690, 21.4130**.

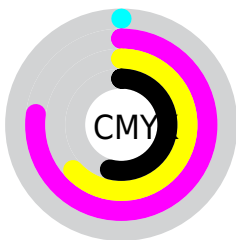
Distribution



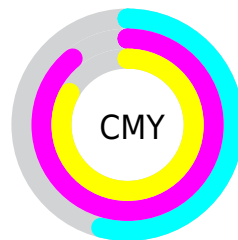
- Red (46%)
- Green (11%)
- Blue (17%)



- Red (46%)
- Yellow (11%)
- Blue (17%)



- Cyan (0%)
- Magenta (77%)
- Yellow (63%)
- Black (54%)



- Cyan (54%)
- Magenta (89%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.1470, 48.7790, 24.5790 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 56.1470, 48.7790, 24.5790 by changing the saturation by 10% instead.

■ 56.1470, 48.7790,
24.5790

■ 56.1470, 48.7790,
24.5790

■ 255.0000, -0.0000,
-0.0000

■ 29.6460, 45.9360,
26.5440

■ 108.8440, 54.0060,
23.4620

■ 19.1360, 38.1440,
13.5680

■ 135.6270, 56.1150,
23.7870

■ 11.1770, 21.7310,
8.1550

■ 162.7090, 58.8200,
24.3240


■ 0.0000, 0.0000,
0.0000


■ 187.8010, 55.5650,
22.7410


■ 207.4290, 38.8770,
16.8050


■ 226.9430, 22.5100,


10.5580


 247.2720, 5.2260,
4.4100


 56.1470, 48.7790,
24.5790


 56.1470, 48.7790,
24.5790


 47.9630, 55.2890,
27.7450


 64.3310, 42.2690,
21.4130


 39.8930, 61.4780,
31.2220

 72.4010, 36.0800,
17.9360

 37.7900, 63.2660,
31.8580

 79.9980, 29.8450,
15.2930

 88.0680, 23.6560,
11.8160

 96.2520, 17.1460,
8.6500

■ 104.4360, 10.6360,
5.4840

■ 112.5060, 4.4470,
2.0070

■ 120.1030, -1.7880,
-0.6360

■ 128.1730, -7.9770,
-4.1130

Harmonies

Analogous

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



58.8870, 35.2520, 32.9480



56.1470, 48.7790, 24.5790



57.9550, 48.5990, 5.8070

Triad

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



56.1470, 48.7790, 24.5790



48.0350, -17.4170, -31.2810



55.3400, -59.3750, 2.2650

Complementary

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



56.1470, 48.7790, 24.5790



88.8530, -48.7790, -24.5790

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.



56.5650, -55.9350, -5.0150



56.1470, 48.7790, 24.5790



50.0840, -36.3080, -24.8200

Square

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



56.1470, 48.7790, 24.5790



56.0840, 16.4180, -22.2220



53.8460, -46.9010, -14.5570



57.1410, -39.3410, 13.6430

Rectangle

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



56.1470, 48.7790, 24.5790



58.9290, 42.3200, -7.0560



53.8460, -46.9010, -14.5570



56.1720, -58.9620, 0.2860

Sweetspot

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



56.1470, 48.7790, 24.5790



129.1490, 18.9340, 9.2860



59.2010, 14.2970, 43.7770



62.0340, 11.8280, 5.9080



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.



56.1470, 48.7790, 24.5790



56.4220, 76.2860, 38.1900



70.0580, 46.8110, 5.1710



54.9080, 3.2550, 1.5830



39.1000, 65.3290, 33.0170



80.1080, 133.9130, 67.6170

Inverse Universe

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



56.1470, 48.7790, 24.5790



56.4220, 76.2860, 38.1900



74.9420, -46.8110, -5.1710



54.9080, 3.2550, 1.5830



39.1000, 65.3290, 33.0170



80.1080, 133.9130, 67.6170

Previews

White Background



This preview shows how the YIQ color 56.1470, 48.7790, 24.5790 looks on a white background.

Color Contrast Check

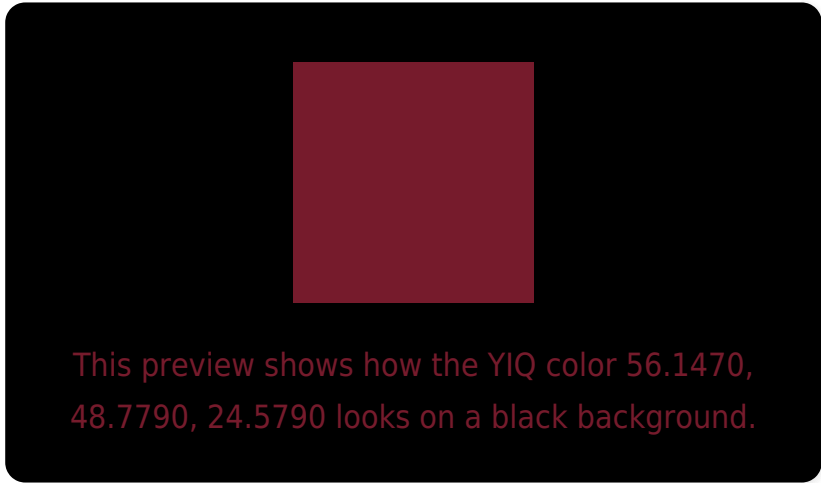
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.1470, 48.7790, 24.5790

Background



This preview shows how black text looks on a background with the YIQ color 56.1470, 48.7790, 24.5790.



This preview shows how white text looks on a background with the YIQ color 56.1470, 48.7790,

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

56.1470, 48.7790, 24.5790

Protanopia

63.5550, 2.7510, -0.2970

Deuteranopia

63.2760, 16.5980, -3.4500



Tritanopia

56.4260, 52.1270, 18.9670

Trichromacy



Original Color

56.1470, 48.7790, 24.5790

Protanomaly

60.9210, 19.5760, 8.6640

Deuteranomaly

60.9450, 28.1960, 6.6280

Tritanomaly

56.4090, 50.7970, 21.0450

Monochromacy



Original Color

56.1470, 48.7790, 24.5790

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.9640, 18.0170, 9.3850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.1470, 48.7790, 24.5790 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(118, 27, 44)` looks like.

```
.text, #text, p{  
    color:rgb(118, 27, 44)  
}
```

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(118, 27, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 27, 44) }
```

Border

The CSS property to change the border of an element to YIQ 56.1470, 48.7790, 24.5790 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(118, 27, 44) }
```


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

```
.border{ border-color:rgb(118, 27, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 27, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 27, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 27, 44);  
box-shadow:4px 4px 4px 4px rgb(118, 27,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 56.1470, 48.7790, 24.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 27, 44) }
```

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

```
.background{ background-color: rgb(118, 27,  
44) }
```

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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