

Converting Colors

YIQ(47.9520, 18.2910, 15.4350)

Have a look what the booklet for
YIQ(47.9520, 18.2910, 15.4350)
contains.

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Color

**YIQ(47.9520, 18.2910,
15.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	4B2136
RGB	75, 33, 54
RGB Percent	29%, 13%, 21%
CMY	0.7058, 0.8706, 0.7882
CMYK	0.00, 0.56, 0.28, 0.71
HSL	330°, 39%, 21%
HSV	330°, 56%, 29%
XYZ	4.1135, 2.8502, 3.8251
YIQ	47.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

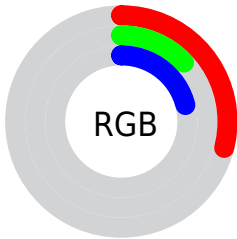
Format	Color
R_{YB}	75, 33, 54
Decimal	4923702
CIE _{Lab}	19.43, 22.81, -4.41
CIE _{LCh}	19, 23.237, 349.060
Yxy	2.8502, 0.3813, 0.2642
Android (android.graphics.Color)	4283113782 (0xFF4B2136)
YUV	47.9520, 2.9817, 23.7211
Hunter-Lab	16.8826, 13.9471, -1.6157

Details

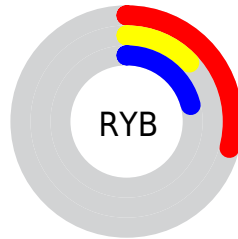
The YIQ color **47.9520, 18.2910, 15.4350** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **60.0480, -18.2910, -15.4350**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2620, 20.3540, 16.5940**, and **10.8930, 16.7790, 9.7950** is the 20% darker color. If you saturate the color by 10%, you get **42.8000, 21.7750, 18.3750**, and if you desaturate by 10%, it is **52.5170, 15.0820, 13.0180**.

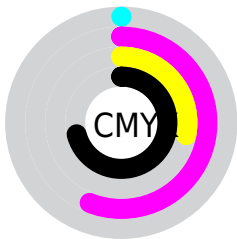
Distribution



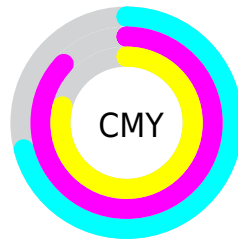
- Red (29%)
- Green (13%)
- Blue (21%)



- Red (29%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (56%)
- Yellow (28%)
- Black (71%)



- Cyan (71%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.9520, 18.2910, 15.4350 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 47.9520, 18.2910, 15.4350 by changing the saturation by 10% instead.

■ 47.9520, 18.2910,
15.4350

■ 47.9520, 18.2910,
15.4350

■ 255.0000, -0.0000,
-0.0000

■ 25.4680, 16.7780,
15.3220

■ 95.2620, 20.3540,
16.5940

■ 10.8930, 16.7790,
9.7950

■ 120.8600, 21.5460,
17.0180

■ 0.0000, 0.0000,
0.0000

■ 146.4580, 22.7380,
17.4420

■ 173.1700, 23.6090,
18.1770

■ 200.5830, 23.8840,
18.7000

■ 226.1910, 19.1160,

17.0040

245.0210, 4.6750,
8.8910

47.9520, 18.2910,
15.4350

47.9520, 18.2910,
15.4350

42.8000, 21.7750,
18.3750

52.5170, 15.0820,
13.0180

38.3490, 24.6630,
21.1030

57.6690, 11.5980,
10.0780

33.1970, 28.1470,
24.0430

62.1200, 8.7100,
7.3500

28.6320, 31.3560,
26.4600

67.2720, 5.2260,
4.4100

26.7570, 32.5020,
27.7180

71.8370, 2.0170,
1.9930

■ 76.9890, -1.4670,
-0.9470

■ 82.0270, -4.6300,
-4.1980

■ 86.5920, -7.8390,
-6.6150

■ 91.7440, -11.3230,
-9.5550

Harmonies

Analogous

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



48.7100, 4.3530, 14.7290



47.9520, 18.2910, 15.4350



46.9110, 25.5360, 10.7840

Triad

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



47.9520, 18.2910, 15.4350



43.9990, 9.7680, -11.8320



39.9060, -37.9620, -5.8500

Complementary

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



47.9520, 18.2910, 15.4350



60.0480, -18.2910, -15.4350

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.



38.8970, -33.7430, -10.7270



47.9520, 18.2910, 15.4350



41.6210, -6.7830, -14.7430

Square

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



47.9520, 18.2910, 15.4350



45.7340, 21.0000, -6.1360



36.8450, -27.9650, -16.3250



39.0570, -39.7050, -1.7930

Rectangle

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



47.9520, 18.2910, 15.4350



46.9340, 26.7290, 5.6810



36.8450, -27.9650, -16.3250



40.0370, -36.9530, -7.6170

Sweetspot

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



47.9520, 18.2910, 15.4350



86.1090, 7.2430, 6.4030



43.7680, -1.5620, 17.3020



42.2610, 3.7590, 3.4630



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



47.9520, 18.2910, 15.4350



55.0830, 28.4680, 23.7320



45.6720, 24.7110, 9.2150



35.4240, 1.7420, 1.4700



36.3120, 44.4210, 37.4850



81.8800, 100.1650, 84.5250

Inverse Universe

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



47.9520, 18.2910, 15.4350



55.0830, 28.4680, 23.7320



62.3280, -24.7110, -9.2150



35.4240, 1.7420, 1.4700



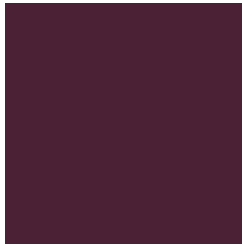
36.3120, 44.4210, 37.4850



81.8800, 100.1650, 84.5250

Previews

White Background



This preview shows how the YIQ color 47.9520, 18.2910, 15.4350 looks on a white background.

Color Contrast Check

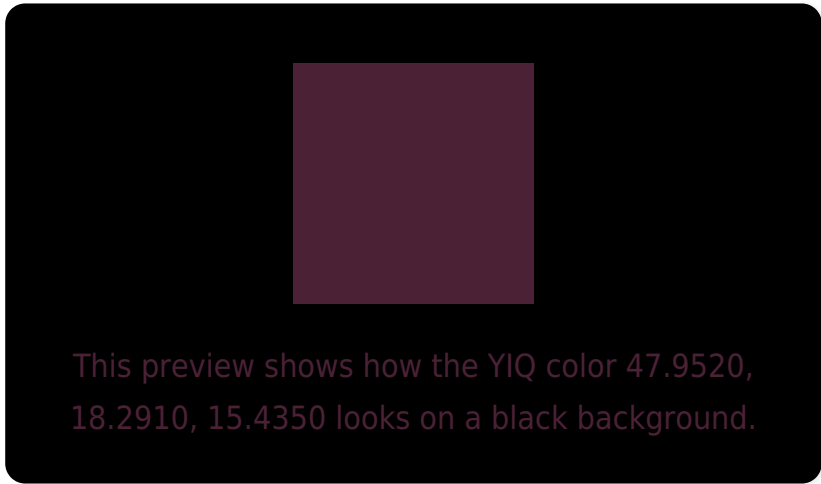
Large Text (above 18pt) WCAG AA ✓ Pass

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

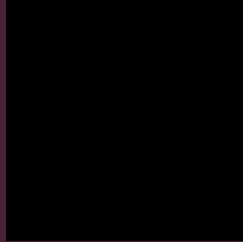
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.9520, 18.2910, 15.4350

Background



This preview shows how black text looks on a background with the YIQ color 47.9520, 18.2910, 15.4350.



This preview shows how white text looks on a background with the YIQ color 47.9520, 18.2910,

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

47.9520, 18.2910, 15.4350

Protanopia

47.7420, -7.8410, 4.4390

Deuteranopia

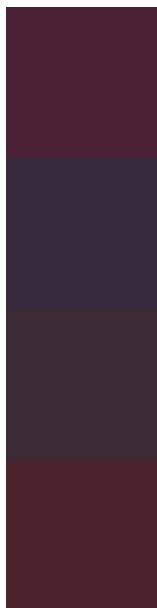
48.7660, 0.7790, 2.4030



Tritanopia

47.7040, 21.6850, 8.9890

Trichromacy



Original Color

47.9520, 18.2910, 15.4350

Protanomaly

47.9390, 1.9700, 8.3540

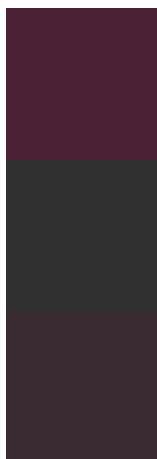
Deuteranomaly

48.6360, 7.1970, 7.2370

Tritanomaly

47.6870, 20.3550, 11.0670

Monochromacy



Original Color

47.9520, 18.2910, 15.4350

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.2830, 6.6930, 5.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.9520, 18.2910, 15.4350 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(75, 33, 54)` looks like.

```
.text, #text, p{  
    color:rgb(75, 33, 54)  
}
```

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(75, 33, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 33, 54) }
```

Border

The CSS property to change the border of an element to YIQ 47.9520, 18.2910, 15.4350 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(75, 33, 54) }
```


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

```
.border{ border-color:rgb(75, 33, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 33, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 33, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 33, 54);  
box-shadow:4px 4px 4px 4px rgb(75, 33, 54)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.9520, 18.2910, 15.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 33, 54) }
```

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

```
.background{ background-color: rgb(75, 33,  
54) }
```

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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