

Converting Colors

YIQ(46.5520, 25.1690, 11.9290)

Have a look what the booklet for
YIQ(46.5520, 25.1690, 11.9290)
contains.

YIQ(46.5520, 25.1690, 11.9290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(46.5520, 25.1690,
11.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	4E2027
RGB	78, 32, 39
RGB Percent	31%, 13%, 15%
CMY	0.6940, 0.8746, 0.8470
CMYK	0.00, 0.59, 0.50, 0.69
HSL	351°, 42%, 22%
HSV	351°, 59%, 31%
XYZ	4.0269, 2.7996, 2.2497
YIQ	46.5520, 25.1690, 11.9290

Conversions

Conversions Part 2

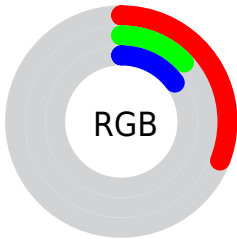
Format	Color
RYB	78, 32, 39
Decimal	5120039
CIELab	19.22, 22.48, 5.85
CIElCh	19, 23.233, 14.579
Yxy	2.7996, 0.4437, 0.3085
Android (android.graphics.Color)	4283310119 (0xFF4E2027)
YUV	46.5520, -3.7231, 27.5799
Hunter-Lab	16.7319, 13.6789, 3.7405




Details

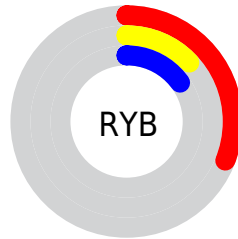
The YIQ color **46.5520, 25.1690, 11.9290** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.4480, -25.1690, -11.9290**, and the grayscale version is **47.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **93.9330, 28.4700, 12.6780**, and **9.9810, 19.3470, 7.3070** is the 20% darker color. If you saturate the color by 10%, you get **41.0580, 29.6160, 13.9360**, and if you desaturate by 10%, it is **52.0460, 20.7220, 9.9220**.

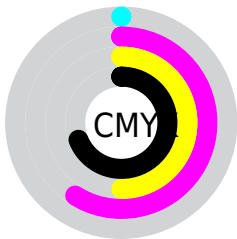
Distribution







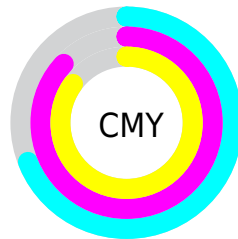
-  Red (31%)
-  Green (13%)
-  Blue (15%)






-  Red (31%)
-  Yellow (13%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (59%)
-  Yellow (50%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (87%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.5520, 25.1690, 11.9290 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 46.5520, 25.1690, 11.9290 by changing the saturation by 10% instead.

■ 46.5520, 25.1690,
11.9290

■ 46.5520, 25.1690,
11.9290

■ 255.0000, -0.0000,
-0.0000

■ 24.1820, 23.3350,
12.1270

■ 94.2320, 29.0660,
12.8900

■ 9.9810, 19.3470,
7.3070

■ 118.8300, 30.2580,
13.3140

■ 0.0000, 0.0000,
0.0000

■ 145.3140, 31.7710,
13.4270

■ 171.9120, 32.9630,
13.8510

■ 199.5100, 34.1550,
14.2750

■ 223.3240, 25.8110,

11.3070

242.9520, 9.1230,
5.3710

46.5520, 25.1690,
11.9290

46.5520, 25.1690,
11.9290

41.0580, 29.6160,
13.9360

52.0460, 20.7220,
9.9220

35.6780, 33.7420,
16.2540

57.4260, 16.5960,
7.6040

30.7710, 37.9140,
17.7380

62.3330, 12.4240,
6.1200

25.3910, 42.0400,
20.0560

67.7130, 8.2980,
3.8020

24.6900, 42.6360,
20.2680

73.2070, 3.8510,
1.7950

■ 78.7010, -0.5960,
-0.2120

■ 84.0810, -4.7220,
-2.5300

■ 88.9880, -8.8940,
-4.0140

■ 94.4820, -13.3410,
-6.0210

Harmonies

Analogous

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



47.5820, 16.4570, 15.6330



46.5520, 25.1690, 11.9290



45.9940, 26.5000, 4.3240

Triad

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



46.5520, 25.1690, 11.9290



41.5890, -3.7570, -14.5170



38.9430, -39.3840, -2.1040

Complementary

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



46.5520, 25.1690, 11.9290



63.4480, -25.1690, -11.9290

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.



39.6780, -37.3200, -6.4720



46.5520, 25.1690, 11.9290



35.9160, -26.7270, -16.7350

Square

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



46.5520, 25.1690, 11.9290



43.7820, 11.8770, -11.5070



38.5550, -32.7800, -11.6600



45.5760, -18.9370, 7.2950

Rectangle

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



46.5520, 25.1690, 11.9290



45.6360, 24.3920, -1.5280



38.5550, -32.7800, -11.6600



39.3020, -39.0170, -3.2490

Sweetspot

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



46.5520, 25.1690, 11.9290



89.6100, 10.0860, 4.4380



48.6060, 7.8820, 22.3620



43.4030, 6.2350, 2.6430



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



46.5520, 25.1690, 11.9290



52.7820, 39.3810, 18.6850



54.5590, 23.2910, 1.9070



35.3100, 2.0630, 1.1590



32.3220, 55.6560, 26.6000



72.7600, 125.8450, 59.6450

Inverse Universe

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



46.5520, 25.1690, 11.9290



52.7820, 39.3810, 18.6850



55.4410, -23.2910, -1.9070



35.3100, 2.0630, 1.1590



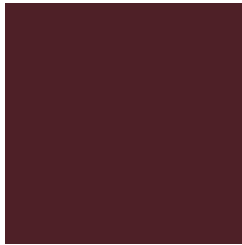
32.3220, 55.6560, 26.6000



72.7600, 125.8450, 59.6450

Previews

White Background



This preview shows how the YIQ color 46.5520, 25.1690, 11.9290 looks on a white background.

Color Contrast Check

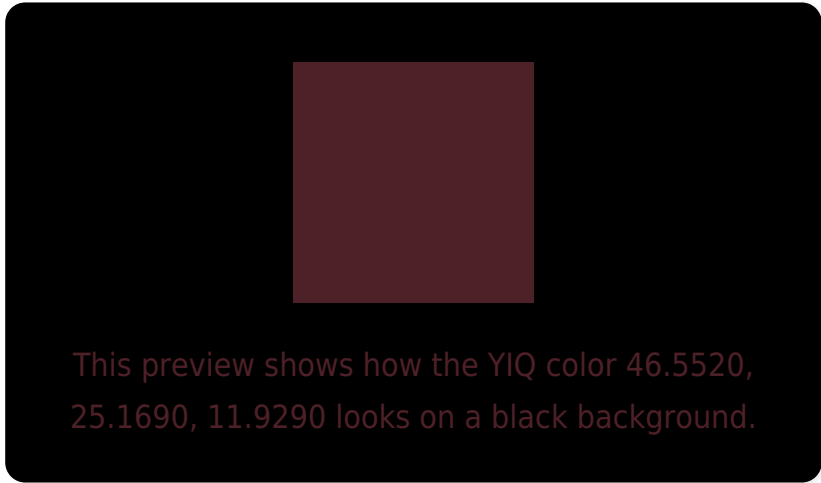
Large Text (above 18pt) WCAG AA ✓ Pass

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

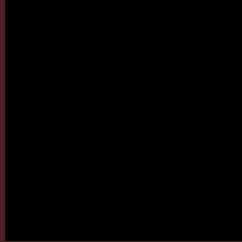
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.5520, 25.1690, 11.9290

Background



This preview shows how black text looks on a background with the YIQ color 46.5520, 25.1690, 11.9290.



This preview shows how white text looks on a background with the YIQ color 46.5520, 25.1690,

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

46.5520, 25.1690, 11.9290

Protanopia

47.5980, 1.1920, 0.4240

Deuteranopia

47.9640, 8.8490, -0.6790



Tritanopia

46.6830, 26.1780, 10.1620

Trichromacy



Original Color

46.5520, 25.1690, 11.9290

Protanomaly

47.6100, 10.0860, 4.4380

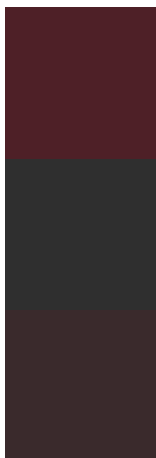
Deuteranomaly

47.5350, 14.6710, 3.9430

Tritanomaly

46.7970, 25.8570, 10.4730

Monochromacy



Original Color

46.5520, 25.1690, 11.9290

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0120, 8.8940, 4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.5520, 25.1690, 11.9290 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(78, 32, 39)` looks like.

```
.text, #text, p{  
    color:rgb(78, 32, 39)  
}
```

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(78, 32, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 32, 39) }
```

Border

The CSS property to change the border of an element to YIQ 46.5520, 25.1690, 11.9290 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(78, 32, 39) }
```


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

```
.border{ border-color:rgb(78, 32, 39) }
```

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

Here you see how a box with a 4 pixel rgb(78, 32, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 32, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 32, 39);  
box-shadow:4px 4px 4px 4px rgb(78, 32, 39)  
}
```

Background

The CSS property to change the background color of an element to YIQ 46.5520, 25.1690, 11.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 32, 39) }
```

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

```
.background{ background-color: rgb(78, 32,  
39) }
```

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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