

Converting Colors

YIQ(89.5520, 25.1690, 11.9290)

Have a look what the booklet for
YIQ(89.5520, 25.1690, 11.9290)
contains.

YIQ(89.5520, 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(89.5520, 25.1690,
11.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	794B52
RGB	121, 75, 82
RGB Percent	47%, 29%, 32%
CMY	0.5254, 0.7059, 0.6783
CMYK	0.00, 0.38, 0.32, 0.53
HSL	351°, 23%, 38%
HSV	351°, 38%, 47%
XYZ	11.9279, 9.7061, 9.2323
YIQ	89.5520, 25.1690, 11.9290

Conversions

Conversions Part 2

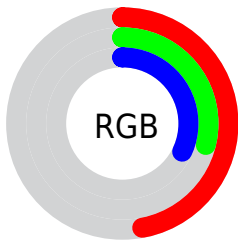
Format	Color
R_{YB}	121, 75, 82
Decimal	7949138
CIE Lab	37.31, 20.55, 4.05
CIE LCh	37, 20.941, 11.149
Yxy	9.7061, 0.3864, 0.3145
Android (android.graphics.Color)	4286139218 (0xFF794B52)
YUV	89.5520, -3.7231, 27.5799
Hunter-Lab	31.1547, 13.8199, 4.2385

Details

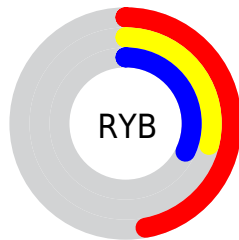
The YIQ color **89.5520, 25.1690, 11.9290** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **106.4480, -25.1690, -11.9290**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.0470, 28.1490, 12.9890**, and **43.0570, 22.1890, 10.8690** is the 20% darker color. If you saturate the color by 10%, you get **81.3680, 31.6790, 15.0950**, and if you desaturate by 10%, it is **97.7360, 18.6590, 8.7630**.

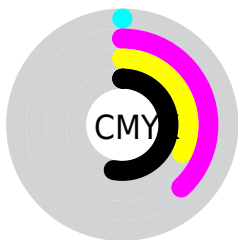
Distribution



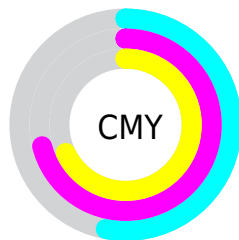
- Red (47%)
- Green (29%)
- Blue (32%)



- Red (47%)
- Yellow (29%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (32%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.5520, 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 89.5520, 25.1690, 11.9290 by changing the saturation by 10% instead.

■ 89.5520, 25.1690,
11.9290

■ 89.5520, 25.1690,
11.9290

■ 255.0000, -0.0000,
-0.0000

■ 65.6550, 23.3810,
11.2930

■ 140.0470, 28.1490,
12.9890

■ 43.0570, 22.1890,
10.8690

■ 166.6450, 29.3410,
13.4130

■ 20.6870, 20.3550,
11.0670

■ 193.9440, 29.9370,
13.6250

■ 5.9800, 11.9200,
4.2400

■ 220.7480, 27.5530,
12.7770

■ 0.0000, 0.0000,
0.0000

■ 240.3760, 10.8650,
6.8410

■ 89.5520, 25.1690,
11.9290

■ 89.5520, 25.1690,
11.9290

■ 81.3680, 31.6790,
15.0950

■ 97.7360, 18.6590,
8.7630

■ 73.1840, 38.1890,
18.2610

■ 106.0340, 11.8280,
5.9080

■ 64.8860, 45.0200,
21.1160

■ 114.2180, 5.3180,
2.7420

■ 56.7020, 51.5300,
24.2820

■ 122.4020, -1.1920,
-0.4240

■ 47.9310, 58.3150,
27.9710

■ 130.5860, -7.7020,
-3.5900

■ 39.7470, 64.8250,
31.1370

■ 139.4710,
-14.8080, -6.9680

■ 38.3450, 66.0170,
31.5610

■ 147.6550,
-21.3180, -10.1340

■ 155.8390,

-27.8280, -13.3000

■ 164.0230,
-34.3380, -16.4660

Harmonies

Analogous

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



89.9840, 15.2650, 15.2090



89.5520, 25.1690, 11.9290



88.8910, 28.2880, 4.9600

Triad

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



89.5520, 25.1690, 11.9290



83.7850, -1.3730, -13.6690



81.9220, -34.8910, -0.9310

Complementary

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



89.5520, 25.1690, 11.9290



106.4480, -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.



77.4490, -44.1050, -10.1610



89.5520, 25.1690, 11.9290



81.1620, -18.6120, -15.1240

Square

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



89.5520, 25.1690, 11.9290



86.2060, 13.6190, -10.0370



78.1200, -35.9890, -14.0770



86.9890, -18.6620, 7.8180

Rectangle

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



89.5520, 25.1690, 11.9290



88.0600, 26.1340, -0.0580



78.1200, -35.9890, -14.0770



80.4760, -39.5670, -4.2950

Sweetspot

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



89.5520, 25.1690, 11.9290



146.3110, 9.4900, 4.2260



91.6060, 7.8820, 22.3620



72.1040, 5.6390, 2.4310



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.



89.5520, 25.1690, 11.9290



108.0810, 39.9770, 18.8970



97.5590, 23.2910, 1.9070



56.9080, 3.2550, 1.5830



39.5410, 68.4010, 32.4090



79.7940, 137.6730, 65.5530

Inverse Universe

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



89.5520, 25.1690, 11.9290



108.0810, 39.9770, 18.8970



98.4410, -23.2910, -1.9070



56.9080, 3.2550, 1.5830



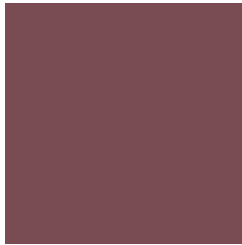
39.5410, 68.4010, 32.4090



79.7940, 137.6730, 65.5530

Previews

White Background



This preview shows how the YIQ color 89.5520, 25.1690, 11.9290 looks on a white background.

Color Contrast Check

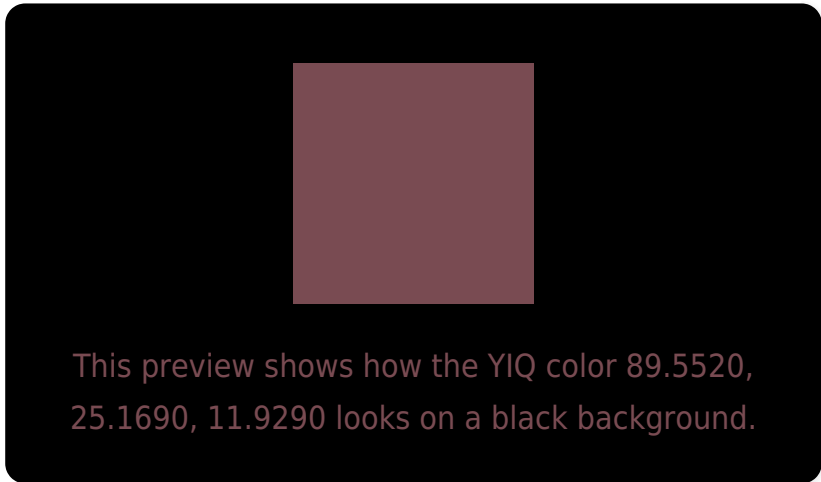
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.5520, 25.1690, 11.9290

Background



This preview shows how black text looks on a background with the YIQ color 89.5520, 25.1690, 11.9290.



This preview shows how white text looks on a background with the YIQ color 89.5520, 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

89.5520, 25.1690, 11.9290

Protanopia

88.4130, 0.2750, 0.5230

Deuteranopia

88.9150, 10.5450, 1.6250



Tritanopia

89.4380, 25.4900, 11.6180

Trichromacy



Original Color

89.5520, 25.1690, 11.9290

Protanomaly

88.7240, 9.7650, 4.7490

Deuteranomaly

89.0730, 16.0920, 5.7240

Tritanomaly

89.4380, 25.4900, 11.6180

Monochromacy



Original Color

89.5520, 25.1690, 11.9290

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.0120, 8.8940, 4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.5520, 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(121, 75, 82)` looks like.

```
.text, #text, p{  
    color:rgb(121, 75, 82)  
}
```

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(121, 75, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 75, 82) }
```

Border

The CSS property to change the border of an element to YIQ 89.5520, 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(121, 75, 82) }
```


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

```
.border{ border-color:rgb(121, 75, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 75, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 75, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 75, 82);  
box-shadow:4px 4px 4px 4px rgb(121, 75,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 89.5520, 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(121, 75, 82) }
```

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

```
.background{ background-color: rgb(121, 75,  
82) }
```

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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