

Converting Colors

YIQ(78.4520, 50.3790, 50.6590)

Have a look what the booklet for
YIQ(78.4520, 50.3790, 50.6590)
contains.

YIQ(78.4520, 50.3790, 50.6590)	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(78.4520, 50.3790,
50.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	9E206D
RGB	158, 32, 109
RGB Percent	62%, 13%, 43%
CMY	0.3800, 0.8747, 0.5724
CMYK	0.00, 0.80, 0.31, 0.38
HSL	323°, 66%, 37%
HSV	323°, 80%, 62%
XYZ	17.3953, 9.4132, 15.3782
YIQ	78.4520, 50.3790, 50.6590

Conversions

Conversions Part 2

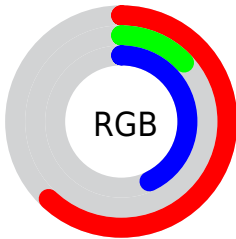
Format	Color
R_{YB}	158, 32, 109
Decimal	10362989
CIE _{Lab}	36.77, 56.43, -13.18
CIE _{LCh}	37, 57.950, 346.858
Yxy	9.4132, 0.4123, 0.2231
Android (android.graphics.Color)	4288553069 (0xFF9E206D)
YUV	78.4520, 15.0602, 69.7636
Hunter-Lab	30.6809, 47.5136, -8.2413

Details

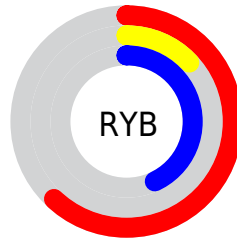
The YIQ color **78.4520, 50.3790, 50.6590** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **111.5480, -50.3790, -50.6590**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.3550, 52.0300, 48.2700**, and **37.4520, 41.2110, 40.5950** is the 20% darker color. If you saturate the color by 10%, you get **68.3760, 56.7050, 57.1610**, and if you desaturate by 10%, it is **88.5280, 44.0530, 44.1570**.

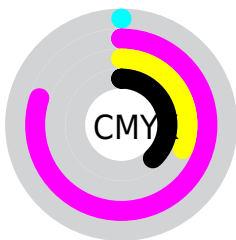
Distribution



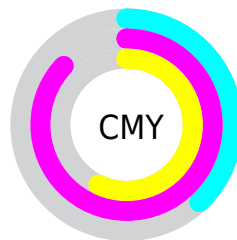
- Red (62%)
- Green (13%)
- Blue (43%)



- Red (62%)
- Yellow (13%)
- Blue (43%)



- Cyan (0%)
- Magenta (80%)
- Yellow (31%)
- Black (38%)



- Cyan (38%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.4520, 50.3790, 50.6590 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 78.4520, 50.3790, 50.6590 by changing the saturation by 10% instead.

78.4520, 50.3790,
50.6590

78.4520, 50.3790,
50.6590

255.0000, -0.0000,
-0.0000

48.5600, 50.1950,
53.9950

136.3550, 52.0300,
48.2700

37.4520, 41.2110,
40.5950

164.8390, 53.5430,
48.3830

26.9850, 31.8600,
28.3400

186.4570, 42.8150,
44.5670

17.0020, 24.0220,
16.1980

206.1990, 25.8060,
38.9420

0.0000, 0.0000,
0.0000

224.4760, 14.3000,
27.1960

241.4990, 6.3250,

12.0290

■ 78.4520, 50.3790,
50.6590

■ 78.4520, 50.3790,
50.6590

■ 68.3760, 56.7050,
57.1610

■ 88.5280, 44.0530,
44.1570

■ 58.3000, 63.0310,
63.6630

■ 98.6040, 37.7270,
37.6550

■ 108.0930, 31.6760,
31.6760

■ 118.2830, 25.0290,
25.4850

■ 128.3590, 18.7030,
18.9830

■ 138.4350, 12.3770,
12.4810

■ 148.5110, 6.0510,
5.9790

■ 158.0000, -0.0000,
0.0000

■ 168.0760, -6.3260,
-6.5020

Harmonies

Analogous

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



88.3140, 6.5490, 41.0210



78.4520, 50.3790, 50.6590



74.1380, 71.3340, 39.8300

Triad

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



78.4520, 50.3790, 50.6590



78.2230, 22.9760, -30.9440



79.1910, -78.3090, -7.0210

Complementary

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



78.4520, 50.3790, 50.6590



111.5480, -50.3790, -50.6590

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.



75.5770, -65.3770, -21.1290



78.4520, 50.3790, 50.6590



62.8190, -26.2170, -48.0170

Square

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



78.4520, 50.3790, 50.6590



81.6770, 51.5370, -14.4070



68.9310, -49.4190, -35.0110



77.8180, -84.0880, 4.1040

Rectangle

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



78.4520, 50.3790, 50.6590



77.7180, 71.7960, 20.4360



68.9310, -49.4190, -35.0110



78.4100, -74.7320, -11.2760

Sweetspot

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



78.4520, 50.3790, 50.6590



175.3700, 20.1700, 19.9300



60.7160, -11.8380, 49.3620



85.4350, 12.3770, 12.4810



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



78.4520, 50.3790, 50.6590



81.2950, 79.7630, 79.8190



71.3840, 70.2810, 31.3770



73.9620, 3.1630, 3.2510



52.6750, 57.3010, 57.3730



5.5110, 6.0510, 5.9790

Inverse Universe

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



78.4520, 50.3790, 50.6590



81.2950, 79.7630, 79.8190



118.6160, -70.2810, -31.3770



73.9620, 3.1630, 3.2510



52.6750, 57.3010, 57.3730



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 78.4520, 50.3790, 50.6590 looks on a white background.

Color Contrast Check

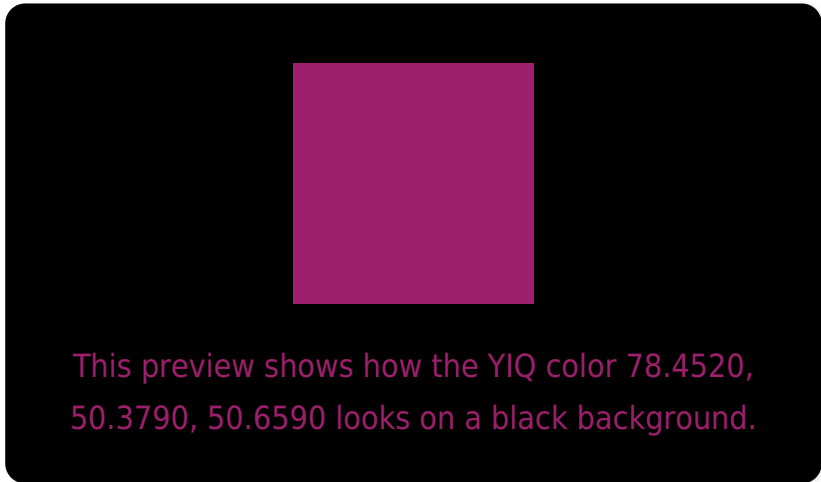
Large Text (above 18pt) WCAG AA ✓ Pass

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

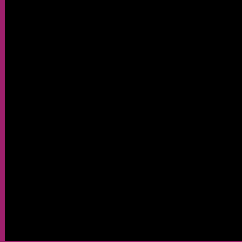
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.4520, 50.3790, 50.6590

Background



This preview shows how black text looks on a background with the YIQ color 78.4520, 50.3790, 50.6590.



This preview shows how white text looks on a background with the YIQ color 78.4520, 50.3790,

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

78.4520, 50.3790, 50.6590

Protanopia

85.7780, -33.8850, 13.8830

Deuteranopia

88.7210, -3.3480, 5.6120



Tritanopia

82.1390, 60.4250, 22.7690

Trichromacy



Original Color

78.4520, 50.3790, 50.6590

Protanomaly

82.9070, -3.0310, 27.4090

Deuteranomaly

84.7980, 16.0890, 22.3050

Tritanomaly

80.6090, 56.5260, 32.8620

Monochromacy



Original Color

78.4520, 50.3790, 50.6590

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.9460, 18.4280, 18.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.4520, 50.3790, 50.6590 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(158, 32, 109)` looks like.

```
.text, #text, p{  
    color:rgb(158, 32, 109)  
}
```

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(158, 32, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 32, 109) }
```

Border

The CSS property to change the border of an element to YIQ 78.4520, 50.3790, 50.6590 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(158, 32, 109) }
```


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

```
.border{ border-color:rgb(158, 32, 109) }
```

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

Here you see how a box with a 4 pixel rgb(158, 32, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 32, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 32, 109);  
box-shadow:4px 4px 4px 4px rgb(158, 32,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 78.4520, 50.3790, 50.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 32, 109) }
```

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

```
.background{ background-color: rgb(158, 32,  
109) }
```

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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