

Converting Colors

YIQ(82.7520, 58.4020, 53.9380)

Have a look what the booklet for
YIQ(82.7520, 58.4020, 53.9380)
contains.

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Color

**YIQ(82.7520, 58.4020,
53.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	AC206E
RGB	172, 32, 110
RGB Percent	67%, 13%, 43%
CMY	0.3251, 0.8747, 0.5685
CMYK	0.00, 0.81, 0.36, 0.33
HSL	327°, 69%, 40%
HSV	327°, 81%, 67%
XYZ	20.3664, 10.9383, 15.8022
YIQ	82.7520, 58.4020, 53.9380

Conversions

Conversions Part 2

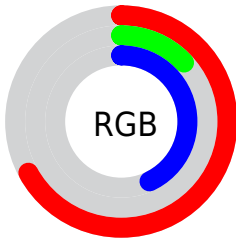
Format	Color
R_{YB}	172, 32, 110
Decimal	11280494
CIE _{Lab}	39.48, 60.08, -9.45
CIE _{LCh}	39, 60.818, 351.057
Yxy	10.9383, 0.4323, 0.2322
Android (android.graphics.Color)	4289470574 (0xFFAC206E)
YUV	82.7520, 13.4333, 78.2705
Hunter-Lab	33.0731, 52.0425, -5.1774

Details

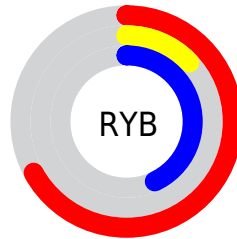
The YIQ color **82.7520, 58.4020, 53.9380** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **121.2480, -58.4020, -53.9380**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1280, 60.0990, 50.7150**, and **41.4530, 48.6380, 43.6620** is the 20% darker color. If you saturate the color by 10%, you get **71.8610, 65.6450, 60.3410**, and if you desaturate by 10%, it is **93.6430, 51.1590, 47.5350**.

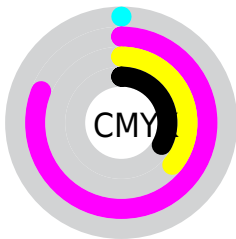
Distribution



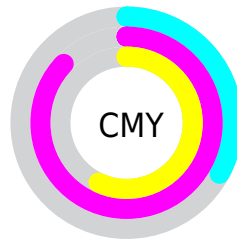
- Red (67%)
- Green (13%)
- Blue (43%)



- Red (67%)
- Yellow (13%)
- Blue (43%)



- Cyan (0%)
- Magenta (81%)
- Yellow (36%)
- Black (33%)





- Cyan (33%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 82.7520, 58.4020, 53.9380 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 82.7520, 58.4020, 53.9380 by changing the saturation by 10% instead.


 82.7520, 58.4020,
53.9380


 82.7520, 58.4020,
53.9380


255.0000, -0.0000,
-0.0000


 52.5610, 57.6220,
57.0620


 142.1280, 60.0990,
50.7150


 41.4530, 48.6380,
43.6620


 168.8180, 58.0360,
49.5560


 30.6870, 38.6910,
31.1950

 188.9190, 41.3940,
42.7860

 20.5190, 29.9360,
19.1520

 208.6610, 24.3850,
37.1610

 8.4860, 16.3670,
6.2470

 226.8240, 13.2000,
25.1040

 0.0000, 0.0000,
0.0000

 243.8470, 5.2250,

9.9370

■ 82.7520, 58.4020,
53.9380

■ 82.7520, 58.4020,
53.9380

■ 71.8610, 65.6450,
60.3410

■ 93.6430, 51.1590,
47.5350

■ 62.3720, 71.6960,
66.3200

■ 104.4200, 44.2370,
40.8210

■ 115.8980, 36.7190,
33.8950

■ 126.7890, 29.4760,
27.4920

■ 137.5660, 22.5540,
20.7780

■ 148.4570, 15.3110,
14.3750

■ 159.2340, 8.3890,
7.6610

■ 170.7120, 0.8710,
0.7350

■ 181.6030, -6.3720,
-5.6680

Harmonies

Analogous

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



93.6680, 14.4800, 45.9680



82.7520, 58.4020, 53.9380



80.7210, 76.8820, 38.4020

Triad

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



82.7520, 58.4020, 53.9380



83.2070, 19.9050, -35.8630



85.1240, -85.3700, -5.7060

Complementary

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



82.7520, 58.4020, 53.9380



121.2480, -58.4020, -53.9380

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.



81.3960, -72.1170, -20.1250



82.7520, 58.4020, 53.9380



66.4910, -37.0370, -50.1650

Square

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



82.7520, 58.4020, 53.9380



88.1560, 51.4460, -18.2660



74.9950, -55.4710, -35.4630



82.9360, -90.2320, 5.3200

Rectangle

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



82.7520, 58.4020, 53.9380



84.6490, 76.2440, 16.9160



74.9950, -55.4710, -35.4630



84.2290, -81.4720, -10.2720

Sweetspot

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



82.7520, 58.4020, 53.9380



190.2670, 21.9580, 20.5660



66.1990, -8.5840, 56.4720



91.6200, 13.2940, 12.3820



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



82.7520, 58.4020, 53.9380



83.8020, 91.6370, 84.8930



74.8860, 80.5510, 32.4790



81.2610, 3.7590, 3.4630



54.4260, 62.4360, 57.9240



8.3590, 9.5350, 8.9190

Inverse Universe

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



82.7520, 58.4020, 53.9380



83.8020, 91.6370, 84.8930



129.1140, -80.5510, -32.4790



81.2610, 3.7590, 3.4630



54.4260, 62.4360, 57.9240



8.3590, 9.5350, 8.9190

Previews

White Background



This preview shows how the YIQ color 82.7520, 58.4020, 53.9380 looks on a white background.

Color Contrast Check

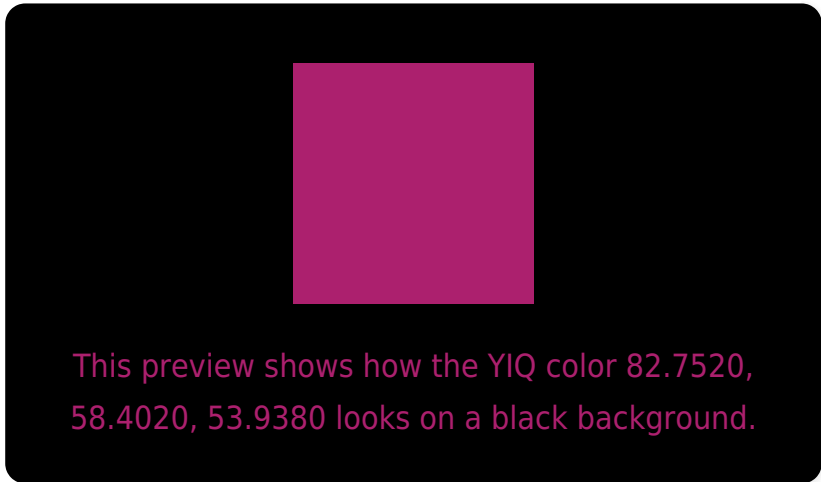
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

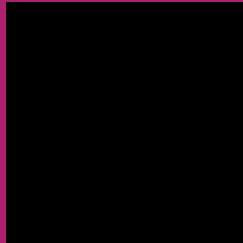
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.7520, 58.4020, 53.9380

Background



This preview shows how black text looks on a background with the YIQ color 82.7520, 58.4020, 53.9380.



This preview shows how white text looks on a background with the YIQ color 82.7520, 58.4020,

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

82.7520, 58.4020, 53.9380

Protanopia

92.6320, -30.5380, 13.7980

Deuteranopia

95.3470, 0.6410, 4.9050



Tritanopia

86.3250, 68.7690, 25.7370

Trichromacy



Original Color

82.7520, 58.4020, 53.9380

Protanomaly

88.7720, 1.7830, 28.2710

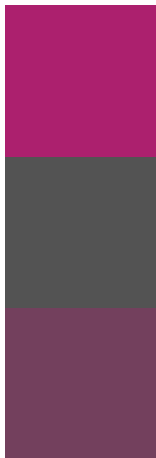
Deuteranomaly

90.8480, 21.8200, 23.0680

Tritanomaly

84.7950, 64.8700, 35.8300

Monochromacy



Original Color

82.7520, 58.4020, 53.9380

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.5550, 21.0870, 19.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.7520, 58.4020, 53.9380 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(172, 32, 110)` looks like.

```
.text, #text, p{  
    color:rgb(172, 32, 110)  
}
```

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(172, 32, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 32, 110) }
```

Border

The CSS property to change the border of an element to YIQ 82.7520, 58.4020, 53.9380 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(172, 32, 110) }
```


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

```
.border{ border-color:rgb(172, 32, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 32, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 32, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 32, 110);  
box-shadow:4px 4px 4px 4px rgb(172, 32,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 82.7520, 58.4020, 53.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 32, 110) }
```

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

```
.background{ background-color: rgb(172, 32,  
110) }
```

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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