

Converting Colors

YIQ(92.5440, 20.7610, 47.7770)

Have a look what the booklet for
YIQ(92.5440, 20.7610, 47.7770)
contains.

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Color

**YIQ(92.5440, 20.7610,
47.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3897
RGB	142, 56, 151
RGB Percent	56%, 22%, 59%
CMY	0.4429, 0.7805, 0.4078
CMYK	0.06, 0.63, 0.00, 0.41
HSL	294°, 46%, 41%
HSV	294°, 63%, 59%
XYZ	18.1654, 10.8160, 30.4094
YIQ	92.5440, 20.7610, 47.7770

Conversions

Conversions Part 2

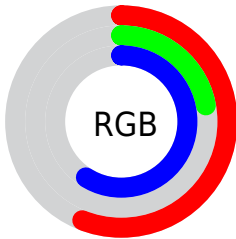
Format	Color
R_{YB}	142, 56, 151
Decimal	9320599
CIE _{Lab}	39.27, 49.78, -35.44
CIE _{LCh}	39, 61.107, 324.552
Yxy	10.8160, 0.3059, 0.1821
Android (android.graphics.Color)	4287510679 (0xFF8E3897)
YUV	92.5440, 28.8188, 43.3729
Hunter-Lab	32.8878, 41.0401, -31.8006

Details

The YIQ color **92.5440, 20.7610, 47.7770** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **114.4560, -20.7610, -47.7770**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **146.6690, 21.9070, 49.0350**, and **37.5980, 20.6690, 49.4450** is the 20% darker color. If you saturate the color by 10%, you get **83.4400, 24.2900, 55.4100**, and if you desaturate by 10%, it is **101.6480, 17.2320, 40.1440**.

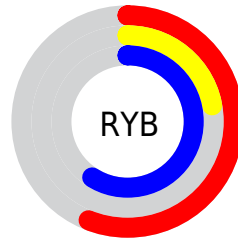
Distribution



Red (56%)

Green (22%)

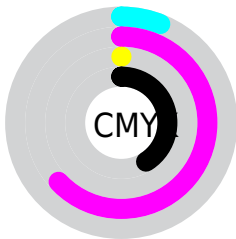
Blue (59%)



Red (56%)

Yellow (22%)

Blue (59%)

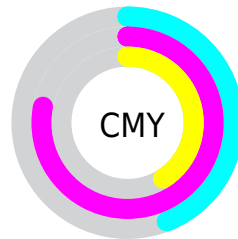


Cyan (6%)

Magenta (63%)

Yellow (0%)

Black (41%)



Cyan (44%)

Magenta (78%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.5440, 20.7610, 47.7770 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 92.5440, 20.7610, 47.7770 by changing the saturation by 10% instead.

92.5440, 20.7610,
47.7770

92.5440, 20.7610,
47.7770

255.0000, -0.0000,
-0.0000

65.0710, 20.7150,
48.6110

146.6690, 21.9070,
49.0350

37.8970, 21.2650,
49.6570

173.7940, 23.0530,
50.2930

27.3870, 13.4730,
36.6810

200.9960, 25.3000,
48.1160

18.1870, 7.7440,
24.8640

217.4320, 17.6000,
33.4720

3.4200, -9.6300,
9.3300

233.8680, 9.9000,
18.8280

0.0000, 0.0000,
0.0000

250.8910, 1.9250,

3.6610

■ 92.5440, 20.7610,
47.7770

■ 92.5440, 20.7610,
47.7770

■ 83.4400, 24.2900,
55.4100

■ 101.6480, 17.2320,
40.1440

■ 74.0370, 27.2230,
62.8310

■ 111.0510, 14.2990,
32.7230

■ 64.9330, 30.7520,
70.4640

■ 120.1550, 10.7700,
25.0900

■ 58.1770, 33.1810,
76.0050

■ 129.5580, 7.8370,
17.6690

■ 138.6620, 4.3080,
10.0360

■ 148.6520, 1.1000,
2.0920

■ 157.7560, -2.4290,
-5.5410

■ 166.8600, -5.9580,
-13.1740

■ 176.2630, -8.8910,
-20.5950

Harmonies

Analogous

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



89.1320, -43.1490, 27.5950



92.5440, 20.7610, 47.7770



80.3180, 62.6200, 54.5880

Triad

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



92.5440, 20.7610, 47.7770



86.9490, 47.5950, -20.0610



82.0800, -74.0430, -18.2590

Complementary

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



92.5440, 20.7610, 47.7770



114.4560, -20.7610, -47.7770

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.



75.6790, -57.3970, -33.5970



92.5440, 20.7610, 47.7770



81.7010, 15.4580, -37.8700

Square

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



92.5440, 20.7610, 47.7770



84.9130, 74.7800, -0.6120



67.7620, -39.2380, -48.8220



84.9930, -86.3790, -3.9390

Rectangle

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



92.5440, 20.7610, 47.7770



78.3390, 75.3220, 44.6500



67.7620, -39.2380, -48.8220



80.1420, -68.5860, -23.5460

Sweetspot

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



92.5440, 20.7610, 47.7770



173.3840, 8.3870, 18.7150



72.1130, -32.9700, 24.8380



85.4880, 4.8580, 11.0820



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



92.5440, 20.7610, 47.7770



104.3510, 32.6310, 74.9590



90.9030, 38.3230, 37.8670



72.0050, 1.6040, 3.9720



53.9330, 30.7520, 70.4640



5.0700, 2.9790, 6.5870

Inverse Universe

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



85.4310, 53.7310, 22.9390



93.1470, 84.3100, 35.9420



116.0970, -38.3230, -37.8670



71.5060, 4.4470, 2.0070



43.3420, 79.2670, 33.7230



4.0010, 7.4270, 3.0670

Previews

White Background



This preview shows how the YIQ color 92.5440, 20.7610, 47.7770 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

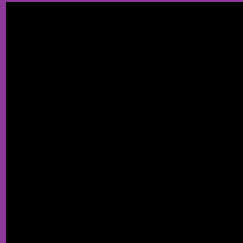
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.5440, 20.7610, 47.7770

Background



This preview shows how black text looks on a background with the YIQ color 92.5440, 20.7610, 47.7770.



This preview shows how white text looks on a background with the YIQ color 92.5440, 20.7610,

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

92.5440, 20.7610, 47.7770

Protanopia

83.9720, -63.5500, 17.3620

Deuteranopia

90.8550, -32.7840, 10.4480



Tritanopia

93.7270, 32.0460, 13.9500

Trichromacy



Original Color

92.5440, 20.7610, 47.7770

Protanomaly

87.2210, -33.1540, 28.1740

Deuteranomaly

91.8240, -13.1630, 23.8050

Tritanomaly

93.3650, 27.7340, 26.0220

Monochromacy



Original Color

92.5440, 20.7610, 47.7770

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.1450, 7.5620, 17.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.5440, 20.7610, 47.7770 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(142, 56, 151)` looks like.

```
.text, #text, p{  
    color:rgb(142, 56, 151)  
}
```

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(142, 56, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 56, 151) }
```

Border

The CSS property to change the border of an element to YIQ 92.5440, 20.7610, 47.7770 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(142, 56, 151) }
```


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

```
.border{ border-color:rgb(142, 56, 151) }
```

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

Here you see how a box with a 4 pixel rgb(142, 56, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 56, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 56, 151);  
box-shadow:4px 4px 4px 4px rgb(142, 56,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 92.5440, 20.7610, 47.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 56, 151) }
```

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

```
.background{ background-color: rgb(142, 56,  
151) }
```

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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