

Converting Colors

YIQ(88.2360, 41.5790, 33.9230)

Have a look what the booklet for
YIQ(88.2360, 41.5790, 33.9230)
contains.

YIQ(88.2360, 41.5790, 33.9230)	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(88.2360, 41.5790,
33.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	953764
RGB	149, 55, 100
RGB Percent	58%, 22%, 39%
CMY	0.4154, 0.7844, 0.6077
CMYK	0.00, 0.63, 0.33, 0.42
HSL	331°, 46%, 40%
HSV	331°, 63%, 58%
XYZ	16.0723, 10.0450, 13.1568
YIQ	88.2360, 41.5790, 33.9230

Conversions

Conversions Part 2

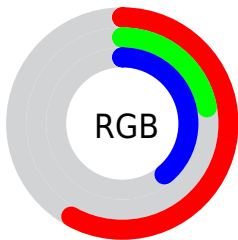
Format	Color
R_{YB}	149, 55, 100
Decimal	9779044
CIE _{Lab}	37.92, 44.07, -5.91
CIE _{LCh}	38, 44.460, 352.367
Yxy	10.0450, 0.4092, 0.2558
Android (android.graphics.Color)	4287969124 (0xFF953764)
YUV	88.2360, 5.7997, 53.2900
Hunter-Lab	31.6938, 35.0553, -2.4269

Details

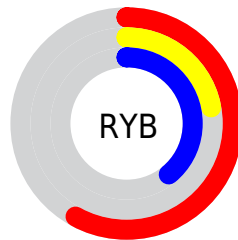
The YIQ color **88.2360, 41.5790, 33.9230** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.7640, -41.5790, -33.9230**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.6170, 44.8800, 34.6720**, and **34.1480, 39.0110, 36.4110** is the 20% darker color. If you saturate the color by 10%, you get **78.5190, 48.2720, 39.2800**, and if you desaturate by 10%, it is **97.9530, 34.8860, 28.5660**.

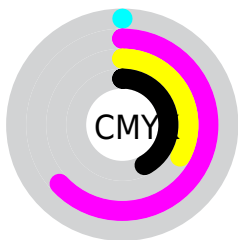
Distribution



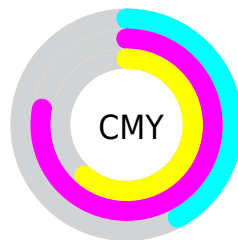
- Red (58%)
- Green (22%)
- Blue (39%)



- Red (58%)
- Yellow (22%)
- Blue (39%)



- Cyan (0%)
- Magenta (63%)
- Yellow (33%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.2360, 41.5790, 33.9230 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 88.2360, 41.5790, 33.9230 by changing the saturation by 10% instead.

88.2360, 41.5790,
33.9230

88.2360, 41.5790,
33.9230

255.0000, -0.0000,
-0.0000

60.6920, 40.2950,
35.1670

141.6170, 44.8800,
34.6720

34.4470, 39.6070,
36.6230

169.2150, 46.0720,
35.0960

23.9800, 30.2560,
24.3680

194.1220, 41.9000,
33.6120

14.5520, 25.1690,
11.9290

213.7500, 25.2120,
27.6760

0.0000, 0.0000,
0.0000

232.6940, 10.4500,
19.8740

249.7170, 2.4750,

4.7070

■ 88.2360, 41.5790,
33.9230

■ 88.2360, 41.5790,
33.9230

■ 78.5190, 48.2720,
39.2800

■ 97.9530, 34.8860,
28.5660

■ 68.8020, 54.9650,
44.6370

■ 107.6700, 28.1930,
23.2090

■ 59.1990, 61.3370,
50.3050

■ 117.2730, 21.8210,
17.5410

■ 52.6450, 66.0130,
53.6690

■ 126.9900, 15.1280,
12.1840

■ 136.1200, 8.7100,
7.3500

■ 145.8370, 2.0170,
1.9930

■ 155.4400, -4.3550,
-3.6750

■ 165.1570,
-11.0480, -9.0320

■ 174.8740,
-17.7410, -14.3890

Harmonies

Analogous

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



92.2680, 12.1900, 32.3980



88.2360, 41.5790, 33.9230



85.9150, 55.2440, 23.0520

Triad

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



88.2360, 41.5790, 33.9230



81.3520, 18.2990, -28.7810



77.1050, -75.1910, -8.4630

Complementary

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



88.2360, 41.5790, 33.9230



115.7640, -41.5790, -33.9230

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.



75.4460, -66.3860, -19.3620



88.2360, 41.5790, 33.9230



74.6430, -22.1850, -32.9770

Square

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



88.2360, 41.5790, 33.9230



84.4910, 43.1930, -17.3750



71.2280, -54.5090, -30.8690



74.7060, -78.0810, -0.1370

Rectangle

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



88.2360, 41.5790, 33.9230



86.5970, 55.6590, 10.0190



71.2280, -54.5090, -30.8690



77.2530, -72.8520, -12.3080

Sweetspot

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



88.2360, 41.5790, 33.9230



170.1150, 16.2740, 13.4420



80.3670, -0.9700, 39.6220



82.7180, 9.9020, 7.7740



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



88.2360, 41.5790, 33.9230



98.9330, 65.1420, 52.9340



84.2800, 55.4740, 18.8820



69.4350, 3.2090, 2.4170



48.7860, 61.0620, 49.7820



3.5600, 4.3550, 3.6750

Inverse Universe

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



88.2360, 41.5790, 33.9230



98.9330, 65.1420, 52.9340



119.7200, -55.4740, -18.8820



69.4350, 3.2090, 2.4170



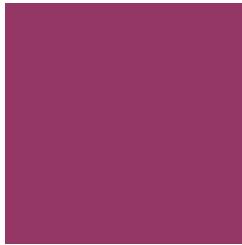
48.7860, 61.0620, 49.7820



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 88.2360, 41.5790, 33.9230 looks on a white background.

Color Contrast Check

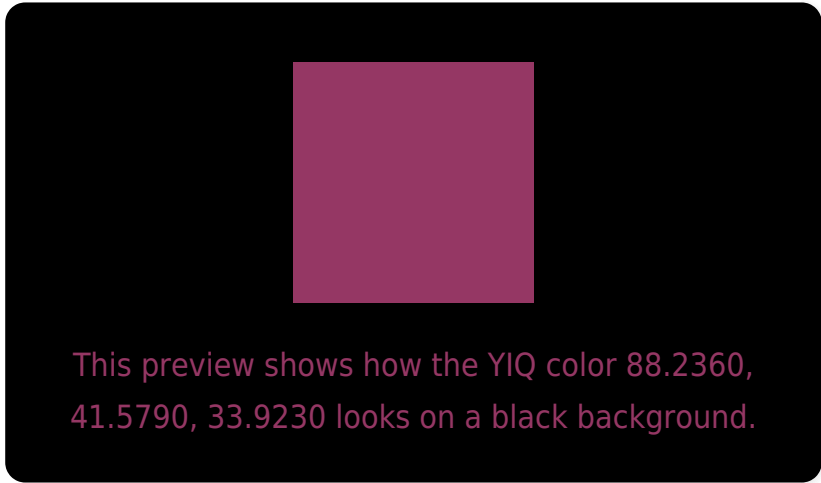
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.2360, 41.5790, 33.9230

Background



This preview shows how black text looks on a background with the YIQ color 88.2360, 41.5790, 33.9230.



This preview shows how white text looks on a background with the YIQ color 88.2360, 41.5790,

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

88.2360, 41.5790, 33.9230

Protanopia

90.1850, -16.2780, 8.6660

Deuteranopia

90.6030, 2.7960, 4.3960



Tritanopia

88.2730, 48.1840, 18.8400

Trichromacy



Original Color

88.2360, 41.5790, 33.9230

Protanomaly

89.7040, 4.4900, 17.7540

Deuteranomaly

89.4680, 16.7780, 15.3220

Tritanomaly

88.1790, 45.7530, 24.3530

Monochromacy



Original Color

88.2360, 41.5790, 33.9230

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

87.9900, 15.1280, 12.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.2360, 41.5790, 33.9230 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(149, 55, 100)` looks like.

```
.text, #text, p{  
    color:rgb(149, 55, 100)  
}
```

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(149, 55, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 55, 100) }
```

Border

The CSS property to change the border of an element to YIQ 88.2360, 41.5790, 33.9230 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(149, 55, 100) }
```


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

```
.border{ border-color:rgb(149, 55, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 55, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 55, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 55, 100);  
box-shadow:4px 4px 4px 4px rgb(149, 55,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 88.2360, 41.5790, 33.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 55, 100) }
```

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

```
.background{ background-color: rgb(149, 55,  
100) }
```

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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