

Converting Colors

YIQ(73.1510, 52.1240, 35.5480)

Have a look what the booklet for
YIQ(73.1510, 52.1240, 35.5480)
contains.

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Color

**YIQ(73.1510, 52.1240,
35.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	91244C
RGB	145, 36, 76
RGB Percent	57%, 14%, 30%
CMY	0.4311, 0.8590, 0.7018
CMYK	0.00, 0.75, 0.48, 0.43
HSL	338°, 60%, 35%
HSV	338°, 75%, 57%
XYZ	13.6254, 7.8077, 7.6346
YIQ	73.1510, 52.1240, 35.5480

Conversions

Conversions Part 2

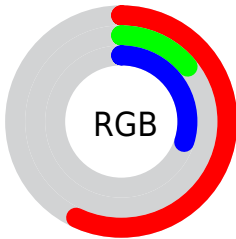
Format	Color
R_{YB}	145, 36, 76
Decimal	9512012
CIE Lab	33.58, 47.98, 3.01
CIE LCh	34, 48.073, 3.590
Yxy	7.8077, 0.4687, 0.2686
Android (android.graphics.Color)	4287702092 (0xFF91244C)
YUV	73.1510, 1.4046, 63.0116
Hunter-Lab	27.9423, 38.1420, 3.3601

Details

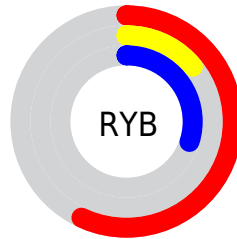
The YIQ color **73.1510, 52.1240, 35.5480** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **107.8490, -52.1240, -35.5480**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.3640, 55.8380, 34.3180**, and **30.2590, 42.7720, 28.8200** is the 20% darker color. If you saturate the color by 10%, you get **63.3200, 59.1380, 40.5940**, and if you desaturate by 10%, it is **82.3950, 45.3850, 31.0250**.

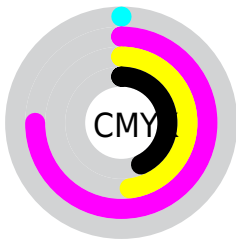
Distribution



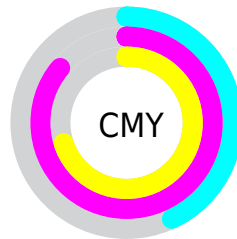
- Red (57%)
- Green (14%)
- Blue (30%)



- Red (57%)
- Yellow (14%)
- Blue (30%)



- Cyan (0%)
- Magenta (75%)
- Yellow (48%)
- Black (43%)



- Cyan (43%)
- Magenta (86%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.1510, 52.1240, 35.5480 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 73.1510, 52.1240, 35.5480 by changing the saturation by 10% instead.

73.1510, 52.1240,
35.5480

73.1510, 52.1240,
35.5480

255.0000, -0.0000,
-0.0000

41.1390, 52.3980,
41.5980

128.3640, 55.8380,
34.3180

30.2590, 42.7720,
28.8200

155.4460, 58.5430,
34.8550

19.7490, 34.9800,
15.8440

180.9510, 55.5630,
33.7950

10.2800, 19.9430,
7.5190

200.5790, 38.8750,
27.8590

0.0000, 0.0000,
0.0000

220.2070, 22.1870,
21.9230

239.7380, 7.1500,

13.5980

■ 73.1510, 52.1240,
35.5480

■ 73.1510, 52.1240,
35.5480

■ 63.3200, 59.1380,
40.5940

■ 82.3950, 45.3850,
31.0250

■ 54.0760, 65.8770,
45.1170

■ 92.2260, 38.3710,
25.9790

■ 49.3970, 69.4070,
47.2230

■ 101.5840, 31.3110,
21.7670

■ 111.4150, 24.2970,
16.7210

■ 120.6590, 17.5580,
12.1980

■ 130.4900, 10.5440,
7.1520

■ 140.3210, 3.5300,
2.1060

■ 149.5650, -3.2090,
-2.4170

■ 159.5100,
-10.5440, -7.1520

Harmonies

Analogous

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



78.8570, 26.7690, 38.0090



73.1510, 52.1240, 35.5480



73.9060, 59.4630, 18.1750

Triad

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



73.1510, 52.1240, 35.5480



67.6170, 7.0670, -34.4770



70.7620, -72.4870, -2.3990

Complementary

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



73.1510, 52.1240, 35.5480



107.8490, -52.1240, -35.5480

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.



70.0320, -64.9200, -12.8880



73.1510, 52.1240, 35.5480



60.0800, -39.6530, -35.7890

Square

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



73.1510, 52.1240, 35.5480



73.8810, 33.1070, -21.8130



65.8140, -53.0430, -24.3950



65.9180, -72.6260, 5.6300

Rectangle

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



73.1510, 52.1240, 35.5480



74.6260, 56.7150, 1.8910



65.8140, -53.0430, -24.3950



70.5510, -70.5150, -5.0990

Sweetspot

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



73.1510, 52.1240, 35.5480



159.9800, 21.0880, 14.3040



68.4590, 4.9430, 48.1030



76.9140, 12.2860, 8.6220



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



73.1510, 52.1240, 35.5480



76.8980, 81.4180, 55.3220



76.2220, 61.3890, 16.3090



66.4350, 3.2090, 2.4170



46.0650, 64.4100, 44.1700



2.7340, 3.8050, 2.6290

Inverse Universe

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



73.1510, 52.1240, 35.5480



76.8980, 81.4180, 55.3220



104.7780, -61.3890, -16.3090



66.4350, 3.2090, 2.4170



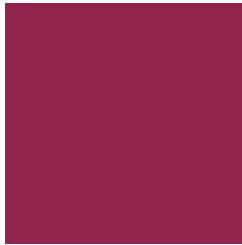
46.0650, 64.4100, 44.1700



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 73.1510, 52.1240, 35.5480 looks on a white background.

Color Contrast Check

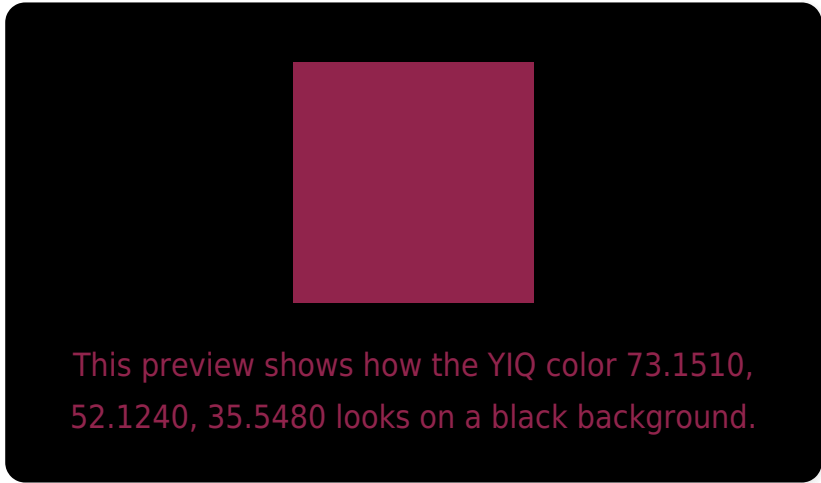
Large Text (above 18pt) WCAG AA ✓ Pass

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

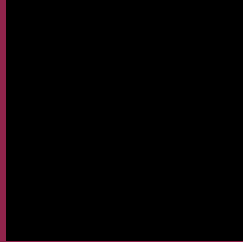
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.1510, 52.1240, 35.5480

Background



This preview shows how black text looks on a background with the YIQ color 73.1510, 52.1240, 35.5480.



This preview shows how white text looks on a background with the YIQ color 73.1510, 52.1240,

35.5480.

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

73.1510, 52.1240, 35.5480

Protanopia

80.3120, -9.4460, 5.9940

Deuteranopia

80.5020, 10.2700, 1.1020



Tritanopia

73.8290, 58.3620, 21.6100

Trichromacy



Original Color

73.1510, 52.1240, 35.5480

Protanomaly

77.3690, 12.7430, 16.8630

Deuteranomaly

77.9050, 25.6730, 13.8090

Tritanomaly

73.6210, 56.2520, 26.8120

Monochromacy



Original Color

73.1510, 52.1240, 35.5480

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.2570, 18.7500, 12.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.1510, 52.1240, 35.5480 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(145, 36, 76)` looks like.

```
.text, #text, p{  
    color:rgb(145, 36, 76)  
}
```

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(145, 36, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 36, 76) }
```

Border

The CSS property to change the border of an element to YIQ 73.1510, 52.1240, 35.5480 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(145, 36, 76) }
```


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

```
.border{ border-color:rgb(145, 36, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 36, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 36, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 36, 76);  
box-shadow:4px 4px 4px 4px rgb(145, 36,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 73.1510, 52.1240, 35.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 36, 76) }
```

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

```
.background{ background-color: rgb(145, 36,  
76) }
```

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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