

Converting Colors

YIQ(73.3280, 19.9880, 12.2120)

Have a look what the booklet for
YIQ(73.3280, 19.9880, 12.2120)
contains.

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Color

**YIQ(73.3280, 19.9880,
12.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	643C48
RGB	100, 60, 72
RGB Percent	39%, 24%, 28%
CMY	0.6077, 0.7648, 0.7176
CMYK	0.00, 0.40, 0.28, 0.61
HSL	342°, 25%, 31%
HSV	342°, 40%, 39%
XYZ	8.0437, 6.4089, 6.9470
YIQ	73.3280, 19.9880, 12.2120

Conversions

Conversions Part 2

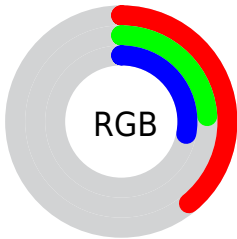
Format	Color
R_{YB}	100, 60, 72
Decimal	6569032
CIE Lab	30.42, 19.43, 0.12
CIE LCh	30, 19.429, 0.352
Yxy	6.4089, 0.3759, 0.2995
Android (android.graphics.Color)	4284759112 (0xFF643C48)
YUV	73.3280, -0.6547, 23.3913
Hunter-Lab	25.3158, 12.4129, 1.4510

Details

The YIQ color **73.3280, 19.9880, 12.2120** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.6720, -19.9880, -12.2120**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.5240, 22.3720, 13.0600**, and **28.2460, 17.2830, 11.6750** is the 20% darker color. If you saturate the color by 10%, you get **66.6600, 24.9850, 15.2650**, and if you desaturate by 10%, it is **79.9960, 14.9910, 9.1590**.

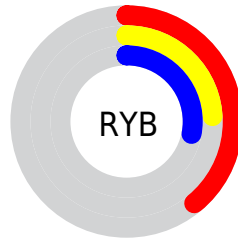
Distribution



Red (39%)

Green (24%)

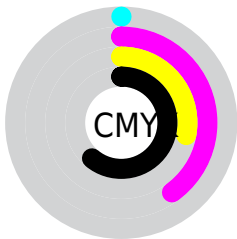
Blue (28%)



Red (39%)

Yellow (24%)

Blue (28%)

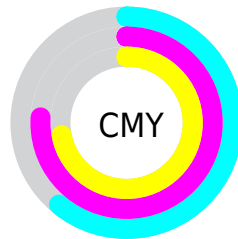


Cyan (0%)

Magenta (40%)

Yellow (28%)

Black (61%)



Cyan (61%)

Magenta (76%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.3280, 19.9880, 12.2120 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 73.3280, 19.9880, 12.2120 by changing the saturation by 10% instead.

■ 73.3280, 19.9880,
12.2120

■ 73.3280, 19.9880,
12.2120

■ 255.0000, -0.0000,
-0.0000

■ 50.4310, 18.2000,
11.5760

■ 122.5240, 22.3720,
13.0600

■ 28.2460, 17.2830,
11.6750

■ 148.8230, 22.9680,
13.2720

■ 10.3940, 19.6220,
7.8300

■ 175.5350, 23.8390,
14.0070

■ 0.0000, 0.0000,
0.0000

■ 203.1330, 25.0310,
14.4310

■ 228.4420, 19.6670,
12.5230

■ 247.9560, 3.3000,

6.2760

■ 73.3280, 19.9880,
12.2120

■ 73.3280, 19.9880,
12.2120

■ 66.6600, 24.9850,
15.2650

■ 79.9960, 14.9910,
9.1590

■ 59.9920, 29.9820,
18.3180

■ 86.6640, 9.9940,
6.1060

■ 53.3240, 34.9790,
21.3710

■ 93.3320, 4.9970,
3.0530

■ 46.6560, 39.9760,
24.4240

■ 100.0000, -0.0000,
-0.0000

■ 39.9880, 44.9730,
27.4770

■ 106.6680, -4.9970,
-3.0530

■ 33.3200, 49.9700,
30.5300

■ 113.3360, -9.9940,
-6.1060

■ 120.0040,
-14.9910, -9.1590

■ 126.6720,
-19.9880, -12.2120

■ 133.3400,
-24.9850, -15.2650

Harmonies

Analogous

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



74.1080, 8.9840, 13.4000



73.3280, 19.9880, 12.2120



72.5040, 25.1240, 7.2360

Triad

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



73.3280, 19.9880, 12.2120



68.8890, 4.2660, -11.2380



63.8460, -37.7330, -4.4930

Complementary

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



73.3280, 19.9880, 12.2120



86.6720, -19.9880, -12.2120

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.



60.0640, -41.5830, -11.8150



73.3280, 19.9880, 12.2120



66.5220, -10.8180, -13.2020

Square

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



73.3280, 19.9880, 12.2120



70.8690, 16.1860, -6.9980



63.4260, -28.1030, -13.8230



69.4290, -23.0170, 4.1430

Rectangle

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



73.3280, 19.9880, 12.2120



72.1570, 24.4830, 2.3310



63.4260, -28.1030, -13.8230



61.8840, -40.8960, -7.7440

Sweetspot

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



73.3280, 19.9880, 12.2120



119.3540, 7.9310, 4.9470



72.6330, 3.2520, 18.1640



60.0330, 4.4010, 2.8410



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



73.3280, 19.9880, 12.2120



88.5900, 31.1740, 18.7420



76.0690, 21.9150, 4.8190



47.6090, 2.6590, 1.3710



38.2610, 57.6260, 34.9540



80.6800, 120.7990, 74.0070

Inverse Universe

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



73.3280, 19.9880, 12.2120



88.5900, 31.1740, 18.7420



83.9310, -21.9150, -4.8190



47.6090, 2.6590, 1.3710



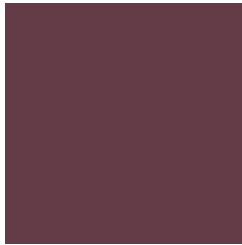
38.2610, 57.6260, 34.9540



80.6800, 120.7990, 74.0070

Previews

White Background



This preview shows how the YIQ color 73.3280, 19.9880, 12.2120 looks on a white background.

Color Contrast Check

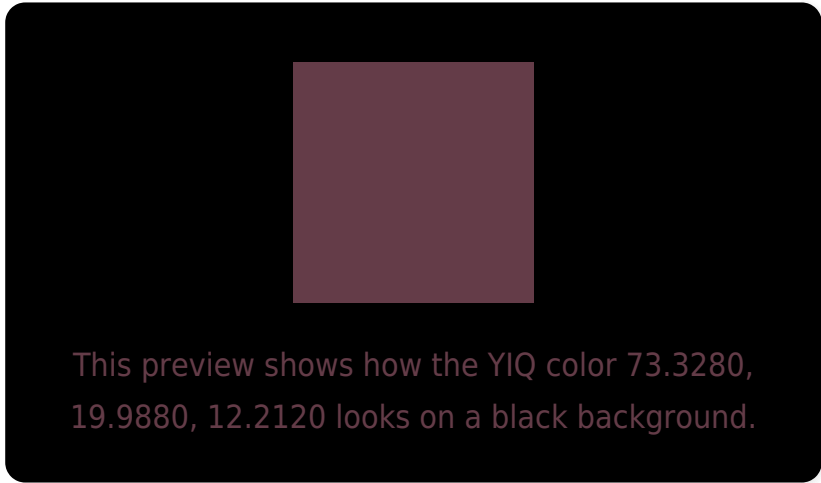
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.3280, 19.9880, 12.2120

Background



This preview shows how black text looks on a background with the YIQ color 73.3280, 19.9880, 12.2120.



This preview shows how white text looks on a background with the YIQ color 73.3280, 19.9880,

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

73.3280, 19.9880, 12.2120

Protanopia

72.4990, -2.8430, 1.9650

Deuteranopia

72.9900, 5.9600, 2.1200



Tritanopia

72.9320, 21.0430, 9.6110

Trichromacy



Original Color

73.3280, 19.9880, 12.2120

Protanomaly

73.0980, 5.7760, 5.4560

Deuteranomaly

72.8490, 10.9110, 6.0070

Tritanomaly

73.1600, 20.4010, 10.2330

Monochromacy



Original Color

73.3280, 19.9880, 12.2120

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.0550, 7.3350, 4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.3280, 19.9880, 12.2120 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(100, 60, 72)` looks like.

```
.text, #text, p{  
    color:rgb(100, 60, 72)  
}
```

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(100, 60, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 60, 72) }
```

Border

The CSS property to change the border of an element to YIQ 73.3280, 19.9880, 12.2120 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(100, 60, 72) }
```


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

```
.border{ border-color:rgb(100, 60, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 60, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 60, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 60, 72);  
box-shadow:4px 4px 4px 4px rgb(100, 60,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 73.3280, 19.9880, 12.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 60, 72) }
```

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

```
.background{ background-color: rgb(100, 60,  
72) }
```

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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