

Converting Colors

YIQ(73.3470, 99.2070, 57.8230)

Have a look what the booklet for
YIQ(73.3470, 99.2070, 57.8230)
contains.

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Color

**YIQ(73.3470, 99.2070,
57.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	CC093E
RGB	204, 9, 62
RGB Percent	80%, 4%, 24%
CMY	0.1995, 0.9649, 0.7565
CMYK	0.00, 0.96, 0.70, 0.20
HSL	344°, 92%, 42%
HSV	344°, 96%, 80%
XYZ	25.9054, 13.3977, 5.7910
YIQ	73.3470, 99.2070, 57.8230

Conversions

Conversions Part 2

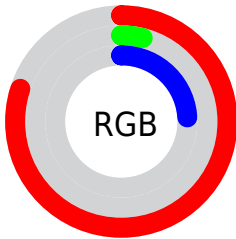
Format	Color
R_{YB}	204, 9, 62
Decimal	13371710
CIE _{Lab}	43.36, 68.33, 27.13
CIE _{LCh}	43, 73.521, 21.651
Yxy	13.3977, 0.5745, 0.2971
Android (android.graphics.Color)	4291561790 (0xFFCC093E)
YUV	73.3470, -5.5941, 114.5827
Hunter-Lab	36.6028, 62.2770, 16.2416

Details

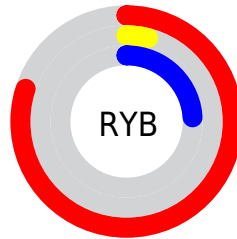
The YIQ color **73.3470, 99.2070, 57.8230** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **139.6530, -99.2070, -57.8230**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.9140, 92.5160, 41.4120**, and **44.5530, 77.2950, 36.4230** is the 20% darker color. If you saturate the color by 10%, you get **67.3800, 103.6080, 60.6640**, and if you desaturate by 10%, it is **86.7970, 88.8920, 52.0280**.

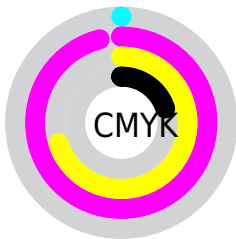
Distribution



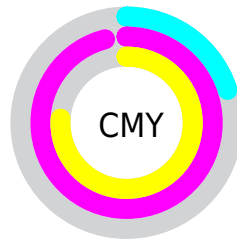
- Red (80%)
- Green (4%)
- Blue (24%)



- Red (80%)
- Yellow (4%)
- Blue (24%)



- Cyan (0%)
- Magenta (96%)
- Yellow (70%)
- Black (20%)





- Cyan (20%)
- Magenta (96%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.3470, 99.2070, 57.8230 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 73.3470, 99.2070, 57.8230 by changing the saturation by 10% instead.


 73.3470, 99.2070,
57.8230


 73.3470, 99.2070,
57.8230


255.0000, -0.0000,
-0.0000


 56.4010, 89.9470,
49.4270


 140.9140, 92.5160,
41.4120


 44.5530, 77.2950,
36.4230


 160.9010, 76.1950,
34.3310


 32.8900, 65.5600,
23.3200

 180.8880, 59.8740,
27.2500

 24.1480, 47.0380,
17.5820

 201.5760, 42.9570,
19.9570

 15.1780, 29.1580,
11.2220

 221.6770, 26.3150,
13.1870

 0.0000, 0.0000,
0.0000

 242.5930, 8.7560,

■ 73.3470, 99.2070,
57.8230

■ 73.3470, 99.2070,
57.8230

■ 67.3800, 103.6080,
60.6640

■ 86.7970, 88.8920,
52.0280

■ 100.8340, 78.3020,
45.7100

■ 114.2840, 67.9870,
39.9150

■ 128.3210, 57.3970,
33.5970

■ 141.6570, 47.4030,
27.4910

■ 155.1070, 37.0880,
21.6960

■ 169.1440, 26.4980,
15.3780

■ 182.5940, 16.1830,
9.5830

■ 196.6310, 5.5930,
3.2650

Harmonies

Analogous

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



73.4090, 79.4420, 80.1300



73.3470, 99.2070, 57.8230



91.1000, 90.5510, 5.4230

Triad

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



73.3470, 99.2070, 57.8230



72.4120, -35.7970, -61.6290



93.7420, -104.1250, 9.3070

Complementary

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



73.3470, 99.2070, 57.8230



139.6530, -99.2070, -57.8230

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.



95.9470, -97.9330, -3.7970



73.3470, 99.2070, 57.8230



84.0110, -61.5680, -40.6080

Square

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



73.3470, 99.2070, 57.8230



90.5610, 18.6680, -40.9800



91.7800, -82.0660, -21.5380



89.7830, -75.8390, 25.3210

Rectangle

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



73.3470, 99.2070, 57.8230



96.2400, 69.0050, -11.5950



91.7800, -82.0660, -21.5380



95.4060, -103.2990, 5.3490

Sweetspot

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



73.3470, 99.2070, 57.8230



205.4060, 37.6840, 21.9080



73.0900, 20.8450, 90.3250



97.8230, 22.9680, 13.2720



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



73.3470, 99.2070, 57.8230



84.1110, 129.8310, 75.5190



91.9590, 104.6700, 19.3740



95.3320, 4.9970, 3.0530



54.7640, 84.4910, 49.1870



12.5020, 19.4380, 11.1660

Inverse Universe

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



73.3470, 99.2070, 57.8230



84.1110, 129.8310, 75.5190



121.0410, -104.6700, -19.3740



95.3320, 4.9970, 3.0530



54.7640, 84.4910, 49.1870



12.5020, 19.4380, 11.1660

Previews

White Background



This preview shows how the YIQ color 73.3470, 99.2070, 57.8230 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



This preview shows how the YIQ color 73.3470, 99.2070, 57.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

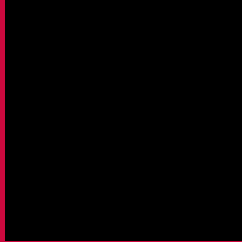
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.3470, 99.2070, 57.8230

Background



This preview shows how black text looks on a background with the YIQ color 73.3470, 99.2070, 57.8230.



This preview shows how white text looks on a background with the YIQ color 73.3470, 99.2070,

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

73.3470, 99.2070, 57.8230

Protanopia

104.1270, 6.8320, -2.6720

Deuteranopia

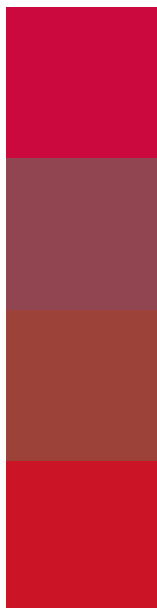
102.3130, 32.3710, -8.4690



Tritanopia

78.4670, 106.7760, 36.2800

Trichromacy



Original Color

73.3470, 99.2070, 57.8230

Protanomaly

92.7930, 40.8480, 19.6320

Deuteranomaly

91.7700, 56.8500, 15.9700

Tritanomaly

76.6550, 103.6110, 44.0830

Monochromacy



Original Color

73.3470, 99.2070, 57.8230

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.3950, 36.2170, 20.9610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.3470, 99.2070, 57.8230 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(204, 9, 62)` looks like.

```
.text, #text, p{  
    color:rgb(204, 9, 62)  
}
```

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(204, 9, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 9, 62) }
```

Border

The CSS property to change the border of an element to YIQ 73.3470, 99.2070, 57.8230 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(204, 9, 62) }
```


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

```
.border{ border-color:rgb(204, 9, 62) }
```

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

Here you see how a box with a 4 pixel rgb(204, 9, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 9, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 9, 62);  
box-shadow:4px 4px 4px 4px rgb(204, 9, 62)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.3470, 99.2070, 57.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 9, 62) }
```

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

```
.background{ background-color: rgb(204, 9,  
62) }
```

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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