

Converting Colors

YIQ(70.3440, 95.2620, 68.7500)

Have a look what the booklet for
YIQ(70.3440, 95.2620, 68.7500)
contains.

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Color

**YIQ(70.3440, 95.2620,
68.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0052
RGB	204, 0, 82
RGB Percent	80%, 0%, 32%
CMY	0.1995, 0.9998, 0.6781
CMYK	0.00, 1.00, 0.60, 0.20
HSL	336°, 100%, 40%
HSV	336°, 100%, 80%
XYZ	26.4654, 13.4671, 9.2032
YIQ	70.3440, 95.2620, 68.7500

Conversions

Conversions Part 2

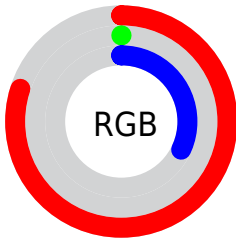
Format	Color
R_{YB}	204, 0, 82
Decimal	13369426
CIE _{Lab}	43.46, 70.21, 14.74
CIE _{LCh}	43, 71.743, 11.859
Yxy	13.4671, 0.5386, 0.2741
Android (android.graphics.Color)	4291559506 (0xFFCC0052)
YUV	70.3440, 5.7464, 117.2163
Hunter-Lab	36.6976, 64.5091, 10.8193

Details

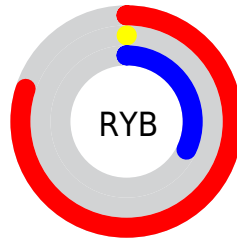
The YIQ color **70.3440, 95.2620, 68.7500** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **133.6560, -95.2620, -68.7500**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2480, 86.0040, 49.3000**, and **46.7900, 72.4340, 41.9220** is the 20% darker color. If you saturate the color by 10%, you get **70.3440, 95.2620, 68.7500**, and if you desaturate by 10%, it is **83.4520, 85.9100, 62.0220**.

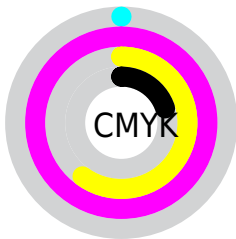
Distribution



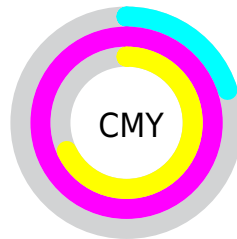
- Red (80%)
- Green (0%)
- Blue (32%)



- Red (80%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 70.3440, 95.2620, 68.7500 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 70.3440, 95.2620, 68.7500 by changing the saturation by 10% instead.


 70.3440, 95.2620,
68.7500


 70.3440, 95.2620,
68.7500


255.0000, -0.0000,
-0.0000


 58.4530, 84.1690,
55.0250


 142.2480, 86.0040,
49.3000


 46.7900, 72.4340,
41.9220

 162.8220, 69.4080,
41.6960


 35.5400, 60.9740,
29.3420

 182.9230, 52.7660,
34.9260

 24.8600, 47.9090,
18.3170

 203.6110, 35.8490,
27.6330

 15.4770, 29.7540,
11.4340

 223.9400, 18.5650,
21.4850

 0.0000, 0.0000,
0.0000

 243.2600, 5.5000,

10.4600

■ 70.3440, 95.2620,
68.7500

■ 83.4520, 85.9100,
62.0220

■ 97.1470, 76.2830,
54.7710

■ 110.3690, 66.6100,
48.3540

■ 124.0640, 56.9830,
41.1030

■ 137.1720, 47.6310,
34.3750

■ 150.8670, 38.0040,
27.1240

■ 164.0890, 28.3310,
20.7070

■ 177.1970, 18.9790,
13.9790

■ 190.8920, 9.3520,
6.7280

Harmonies

Analogous

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



89.3090, 58.8120, 68.5400



70.3440, 95.2620, 68.7500



89.9560, 91.5570, 20.2370

Triad

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



70.3440, 95.2620, 68.7500



77.0180, -19.8880, -58.0960



95.1780, -102.6570, 4.7270

Complementary

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



70.3440, 95.2620, 68.7500



133.6560, -95.2620, -68.7500

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.



94.7100, -93.0720, -9.2960



70.3440, 95.2620, 68.7500



80.5570, -54.5980, -45.7820

Square

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



70.3440, 95.2620, 68.7500



94.4920, 32.2840, -34.4360



89.5000, -75.6460, -27.7580



85.6550, -99.2660, 14.8620

Rectangle

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



70.3440, 95.2620, 68.7500



94.8440, 79.2280, -4.1320



89.5000, -75.6460, -27.7580



95.9130, -100.5930, 0.3590

Sweetspot

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



70.3440, 95.2620, 68.7500



205.1440, 35.6660, 25.4420



58.8370, 5.4400, 88.6720



97.8060, 21.6380, 15.3500



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.



70.3440, 95.2620, 68.7500



87.9870, 118.9170, 86.0930



70.9750, 116.9090, 34.3570



95.4460, 4.6760, 3.3640



57.2720, 77.4290, 56.0290



13.0720, 17.8330, 12.7210

Inverse Universe

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



70.3440, 95.2620, 68.7500



87.9870, 118.9170, 86.0930



133.0250, -116.9090, -34.3570



95.4460, 4.6760, 3.3640



57.2720, 77.4290, 56.0290



13.0720, 17.8330, 12.7210

Previews

White Background



This preview shows how the YIQ color 70.3440, 95.2620, 68.7500 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 70.3440, 95.2620, 68.7500 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 70.3440, 95.2620, 68.7500

Background



This preview shows how black text looks on a background with the YIQ color 70.3440, 95.2620, 68.7500.



This preview shows how white text looks on a background with the YIQ color 70.3440, 95.2620,

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

70.3440, 95.2620, 68.7500

Protanopia

105.2260, -6.3280, 4.5520

Deuteranopia

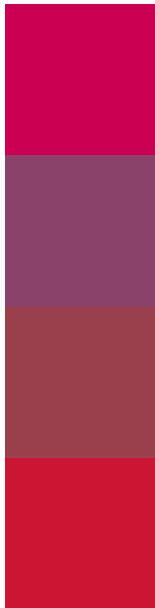
104.3970, 23.5670, -3.0970



Tritanopia

83.3030, 101.3660, 35.2060

Trichromacy



Original Color

70.3440, 95.2620, 68.7500

Protanomaly

92.3870, 30.6680, 27.9160

Deuteranomaly

92.2780, 49.7880, 22.8120

Tritanomaly

78.7240, 99.1630, 47.6030

Monochromacy



Original Color

70.3440, 95.2620, 68.7500

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.4320, 34.7950, 24.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.3440, 95.2620, 68.7500 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, 0, 82)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 82)  
}
```

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, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 82) }
```

Border

The CSS property to change the border of an element to YIQ 70.3440, 95.2620, 68.7500 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, 0, 82) }
```


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

```
.border{ border-color:rgb(204, 0, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 82);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 70.3440, 95.2620, 68.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 82) }
```

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

```
.background{ background-color: rgb(204, 0,  
82) }
```

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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