

Converting Colors

YIQ(75.6990, 92.2840, 56.6360)

Have a look what the booklet for
YIQ(75.6990, 92.2840, 56.6360)
contains.

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Color

**YIQ(75.6990, 92.2840,
56.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	C70E46
RGB	199, 14, 70
RGB Percent	78%, 5%, 27%
CMY	0.2191, 0.9453, 0.7252
CMYK	0.00, 0.93, 0.65, 0.22
HSL	342°, 87%, 42%
HSV	342°, 93%, 78%
XYZ	24.8494, 12.9139, 6.9909
YIQ	75.6990, 92.2840, 56.6360

Conversions

Conversions Part 2

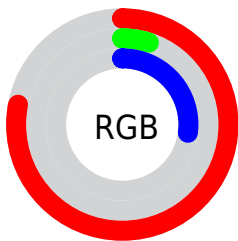
Format	Color
R_{YB}	199, 14, 70
Decimal	13045318
CIE _{Lab}	42.63, 66.99, 21.01
CIE _{LCh}	43, 70.202, 17.411
Yxy	12.9139, 0.5552, 0.2886
Android (android.graphics.Color)	4291235398 (0xFFC70E46)
YUV	75.6990, -2.8096, 108.1350
Hunter-Lab	35.9359, 60.5435, 13.6210

Details

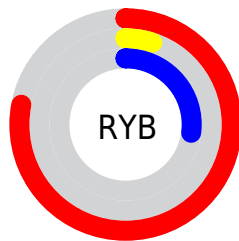
The YIQ color **75.6990, 92.2840, 56.6360** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **137.3010, -92.2840, -56.6360**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.9400, 89.6270, 44.2110**, and **44.1550, 72.6640, 37.7520** is the 20% darker color. If you saturate the color by 10%, you get **66.3410, 99.3440, 60.8480**, and if you desaturate by 10%, it is **89.0350, 82.2900, 50.5300**.

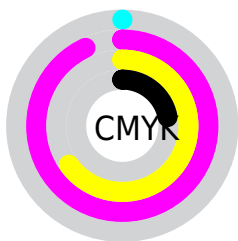
Distribution



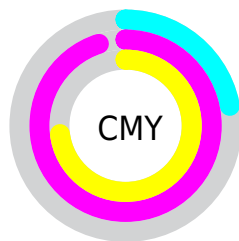
- Red (78%)
- Green (5%)
- Blue (27%)



- Red (78%)
- Yellow (5%)
- Blue (27%)



- Cyan (0%)
- Magenta (93%)
- Yellow (65%)
- Black (22%)





- Cyan (22%)
- Magenta (95%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 75.6990, 92.2840, 56.6360 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 75.6990, 92.2840, 56.6360 by changing the saturation by 10% instead.


 75.6990, 92.2840,
56.6360


 75.6990, 92.2840,
56.6360


255.0000, -0.0000,
-0.0000


 55.7040, 84.7200,
50.5440


 141.9400, 89.6270,
44.2110


 44.1550, 72.6640,
37.7520


 161.9270, 73.3060,
37.1300


 32.1070, 63.4510,
22.9950

 181.9140, 56.9850,
30.0490

 23.3650, 44.9290,
17.2570

 202.6020, 40.0680,
22.7560

 14.2810, 27.3700,
10.5860

 222.8170, 23.1050,
16.2970

 0.0000, 0.0000,
0.0000

 243.7330, 5.5460,

9.6260

■ 75.6990, 92.2840,
56.6360

■ 75.6990, 92.2840,
56.6360

■ 66.3410, 99.3440,
60.8480

■ 89.0350, 82.2900,
50.5300

■ 102.3710, 72.2960,
44.4240

■ 115.7070, 62.3020,
38.3180

■ 129.0430, 52.3080,
32.2120

■ 142.2650, 42.6350,
25.7950

■ 155.0140, 32.9160,
20.2120

■ 168.3500, 22.9220,
14.1060

■ 181.6860, 12.9280,
8.0000

■ 195.0220, 2.9340,
1.8940

Harmonies

Analogous

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



82.8430, 66.0560, 69.4160



75.6990, 92.2840, 56.6360



89.6640, 89.0830, 10.0030

Triad

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



75.6990, 92.2840, 56.6360



69.8530, -32.7250, -62.2370



92.0150, -100.6400, 6.7200

Complementary

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



75.6990, 92.2840, 56.6360



137.3010, -92.2840, -56.6360

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.



93.4050, -93.5310, -6.4830



75.6990, 92.2840, 56.6360



80.5230, -57.2580, -41.6260

Square

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



75.6990, 92.2840, 56.6360



90.6050, 24.5360, -37.1920



88.6510, -77.3890, -23.7010



80.6340, -94.7730, 16.0350

Rectangle

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



75.6990, 92.2840, 56.6360



94.4900, 71.2970, -9.0790



88.6510, -77.3890, -23.7010



93.6790, -99.8140, 2.7620

Sweetspot

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



75.6990, 92.2840, 56.6360



207.6230, 35.5750, 21.5830



72.7640, 15.7110, 84.2470



98.6380, 22.0510, 13.3710



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.



75.6990, 92.2840, 56.6360



85.0230, 127.2630, 78.0070



89.2730, 100.9100, 21.4380



93.0330, 4.4010, 2.8410



54.3230, 81.4190, 49.7950



12.0180, 17.9250, 11.0530

Inverse Universe

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



75.6990, 92.2840, 56.6360



85.0230, 127.2630, 78.0070



123.7270, -100.9100, -21.4380



93.0330, 4.4010, 2.8410



54.3230, 81.4190, 49.7950



12.0180, 17.9250, 11.0530

Previews

White Background



This preview shows how the YIQ color 75.6990, 92.2840, 56.6360 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 75.6990, 92.2840, 56.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

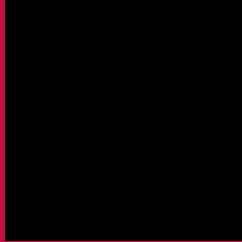
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.6990, 92.2840, 56.6360

Background



This preview shows how black text looks on a background with the YIQ color 75.6990, 92.2840, 56.6360.



This preview shows how white text looks on a background with the YIQ color 75.6990, 92.2840,

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

75.6990, 92.2840, 56.6360

Protanopia

102.5980, 1.1920, 0.4240

Deuteranopia

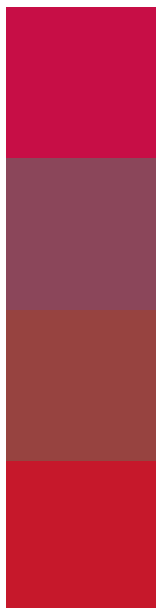
101.5560, 27.3730, -5.9950



Tritanopia

80.0040, 100.7700, 34.9940

Trichromacy



Original Color

75.6990, 92.2840, 56.6360

Protanomaly

92.9110, 34.7040, 20.8480

Deuteranomaly

91.7740, 51.0270, 16.8750

Tritanomaly

78.1920, 97.6050, 42.7970

Monochromacy



Original Color

75.6990, 92.2840, 56.6360

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.7260, 33.7870, 20.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.6990, 92.2840, 56.6360 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(199, 14, 70)` looks like.

```
.text, #text, p{  
    color:rgb(199, 14, 70)  
}
```

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(199, 14, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 14, 70) }
```

Border

The CSS property to change the border of an element to YIQ 75.6990, 92.2840, 56.6360 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(199, 14, 70) }
```


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

```
.border{ border-color:rgb(199, 14, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 14, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 14, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 14, 70);  
box-shadow:4px 4px 4px 4px rgb(199, 14,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 75.6990, 92.2840, 56.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 14, 70) }
```

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

```
.background{ background-color: rgb(199, 14,  
70) }
```

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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