

Converting Colors

YIQ(75.5980, 99.7580, 53.3420)

Have a look what the booklet for
YIQ(75.5980, 99.7580, 53.3420)
contains.

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Color

**YIQ(75.5980, 99.7580,
53.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0E38
RGB	204, 14, 56
RGB Percent	80%, 5%, 22%
CMY	0.1995, 0.9453, 0.7800
CMYK	0.00, 0.93, 0.73, 0.20
HSL	347°, 87%, 43%
HSV	347°, 93%, 80%
XYZ	25.8073, 13.4530, 4.9898
YIQ	75.5980, 99.7580, 53.3420

Conversions

Conversions Part 2

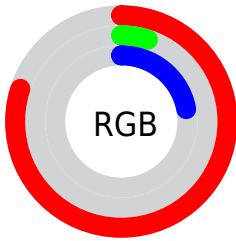
Format	Color
RYB	204, 14, 56
Decimal	13372984
CIELab	43.44, 67.57, 30.91
CIElCh	43, 74.306, 24.580
Yxy	13.4530, 0.5832, 0.3040
Android (android.graphics.Color)	4291563064 (0xFFCC0E38)
YUV	75.5980, -9.6618, 112.6086
Hunter-Lab	36.6783, 61.4079, 17.6089

Details

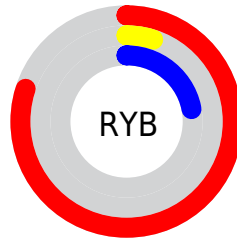
The YIQ color **75.5980, 99.7580, 53.3420** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **142.4020, -99.7580, -53.3420**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.8170, 94.1670, 39.0230**, and **43.8690, 79.2210, 34.5570** is the 20% darker color. If you saturate the color by 10%, you get **66.1260, 107.1390, 57.2430**, and if you desaturate by 10%, it is **89.1620, 89.1220, 47.8580**.

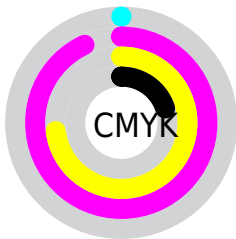
Distribution



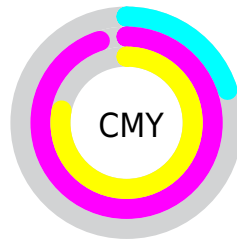
- Red (80%)
- Green (5%)
- Blue (22%)



- Red (80%)
- Yellow (5%)
- Blue (22%)



- Cyan (0%)
- Magenta (93%)
- Yellow (73%)
- Black (20%)





- Cyan (20%)
- Magenta (95%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.5980, 99.7580, 53.3420 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 75.5980, 99.7580, 53.3420 by changing the saturation by 10% instead.


 75.5980, 99.7580,
53.3420


 75.5980, 99.7580,
53.3420


255.0000, -0.0000,
-0.0000


 55.4180, 91.2770,
47.3490


 140.8170, 94.1670,
39.0230


 43.8690, 79.2210,
34.5570


 160.6900, 78.1670,
31.6310


 32.8900, 65.5600,
23.3200


 180.6770, 61.8460,
24.5500

 24.1480, 47.0380,
17.5820

 200.7780, 45.2040,
17.7800

 14.8790, 28.5620,
11.0100

 221.4660, 28.2870,
10.4870

 0.0000, 0.0000,
0.0000

 242.2680, 11.0490,

■ 75.5980, 99.7580,
53.3420

■ 75.5980, 99.7580,
53.3420

■ 66.1260, 107.1390,
57.2430

■ 89.1620, 89.1220,
47.8580

■ 103.3130, 78.2110,
41.8510

■ 116.8770, 67.5750,
36.3670

■ 131.0280, 56.6640,
30.3600

■ 144.5920, 46.0280,
24.8760

■ 158.0420, 35.7130,
19.0810

■ 172.1930, 24.8020,
13.0740

■ 185.7570, 14.1660,
7.5900

■ 199.9080, 3.2550,
1.5830

Harmonies

Analogous

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



73.7360, 82.8350, 79.2110



75.5980, 99.7580, 53.3420



92.8500, 88.2590, 2.9070

Triad

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



75.5980, 99.7580, 53.3420



74.2530, -39.6030, -58.7310



92.7960, -104.2170, 10.9750

Complementary

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



75.5980, 99.7580, 53.3420



142.4020, -99.7580, -53.3420

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.



96.5170, -99.5380, -2.2420



75.5980, 99.7580, 53.3420



84.6950, -63.4940, -38.7420

Square

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



75.5980, 99.7580, 53.3420



89.6420, 13.9460, -43.5100



92.5780, -84.3130, -19.3610



95.3830, -59.7930, 31.8790

Rectangle

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



75.5980, 99.7580, 53.3420



96.8050, 65.7960, -14.0120



92.5780, -84.3130, -19.3610



95.2750, -104.3080, 7.1160

Sweetspot

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



75.5980, 99.7580, 53.3420



206.9390, 37.5010, 19.7170



79.3140, 26.0260, 90.0420



98.2960, 23.0140, 12.4380



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.



75.5980, 99.7580, 53.3420



82.7430, 133.6830, 71.7870



100.7470, 99.2150, 13.6070



95.2180, 5.3180, 2.7420



53.8520, 87.0590, 46.6990



12.2740, 20.0800, 10.5440

Inverse Universe

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



75.5980, 99.7580, 53.3420



82.7430, 133.6830, 71.7870



117.2530, -99.2150, -13.6070



95.2180, 5.3180, 2.7420



53.8520, 87.0590, 46.6990



12.2740, 20.0800, 10.5440

Previews

White Background



This preview shows how the YIQ color 75.5980, 99.7580, 53.3420 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 75.5980, 99.7580, 53.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

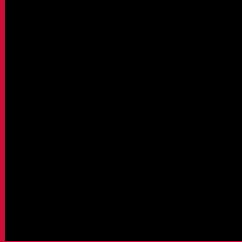
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.5980, 99.7580, 53.3420

Background



This preview shows how black text looks on a background with the YIQ color 75.5980, 99.7580, 53.3420.

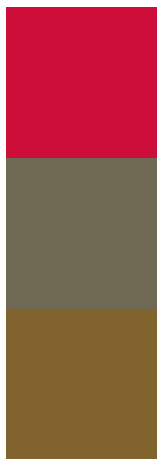


This preview shows how white text looks on a background with the YIQ color 75.5980, 99.7580,

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

75.5980, 99.7580, 53.3420

Protanopia

103.6990, 10.9130, -5.0470

Deuteranopia

101.9280, 34.8930, -10.1230



Tritanopia

78.3530, 107.0970, 35.9690

Trichromacy



Original Color

75.5980, 99.7580, 53.3420

Protanomaly

93.3540, 43.4620, 16.3100

Deuteranomaly

92.2600, 58.2260, 13.0580

Tritanomaly

77.4870, 104.0240, 42.1040

Monochromacy



Original Color

75.5980, 99.7580, 53.3420

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.7540, 36.5840, 19.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.5980, 99.7580, 53.3420 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, 14, 56)` looks like.

```
.text, #text, p{  
    color:rgb(204, 14, 56)  
}
```

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, 14, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 14, 56) }
```

Border

The CSS property to change the border of an element to YIQ 75.5980, 99.7580, 53.3420 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, 14, 56) }
```


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

```
.border{ border-color:rgb(204, 14, 56) }
```

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

Here you see how a box with a 4 pixel rgb(204, 14, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 14, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 14, 56);  
box-shadow:4px 4px 4px 4px rgb(204, 14,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 75.5980, 99.7580, 53.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 14, 56) }
```

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

```
.background{ background-color: rgb(204, 14,  
56) }
```

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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