

Converting Colors

YIQ(93.6530, 71.5620, 46.7140)

Have a look what the booklet for
YIQ(93.6530, 71.5620, 46.7140)
contains.

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Color

**YIQ(93.6530, 71.5620,
46.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	BF2C5E
RGB	191, 44, 94
RGB Percent	75%, 17%, 37%
CMY	0.2506, 0.8276, 0.6311
CMYK	0.00, 0.77, 0.51, 0.25
HSL	340°, 63%, 46%
HSV	340°, 77%, 75%
XYZ	24.4319, 13.6950, 11.9601
YIQ	93.6530, 71.5620, 46.7140

Conversions

Conversions Part 2

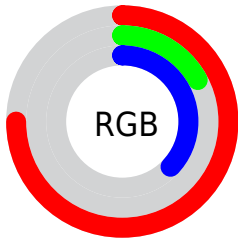
Format	Color
R_{YB}	191, 44, 94
Decimal	12528734
CIE Lab	43.79, 60.19, 7.31
CIE LCh	44, 60.630, 6.922
Yxy	13.6950, 0.4878, 0.2734
Android (android.graphics.Color)	4290718814 (0xFFBF2C5E)
YUV	93.6530, 0.1711, 85.3733
Hunter-Lab	37.0068, 53.0838, 6.7430

Details

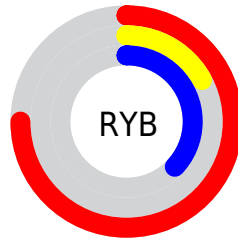
The YIQ color **93.6530, 71.5620, 46.7140** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **141.3470, -71.5620, -46.7140**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2250, 75.6430, 44.3390**, and **44.6410, 62.6680, 42.7000** is the 20% darker color. If you saturate the color by 10%, you get **81.0180, 80.9600, 52.6080**, and if you desaturate by 10%, it is **106.2880, 62.1640, 40.8200**.

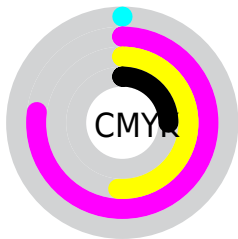
Distribution



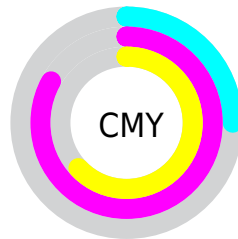
- Red (75%)
- Green (17%)
- Blue (37%)



- Red (75%)
- Yellow (17%)
- Blue (37%)



- Cyan (0%)
- Magenta (77%)
- Yellow (51%)
- Black (25%)





- Cyan (25%)
- Magenta (83%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.6530, 71.5620, 46.7140 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 93.6530, 71.5620, 46.7140 by changing the saturation by 10% instead.


 93.6530, 71.5620,
46.7140


 93.6530, 71.5620,
46.7140


255.0000, -0.0000,
-0.0000


 56.2330, 73.1650,
56.2130


 152.2250, 75.6430,
44.3390


 44.7550, 62.3470,
43.0110


 173.2230, 60.7890,
38.2050


 33.6900, 51.8040,
30.3320

 192.7370, 44.4220,
31.9580

 22.5390, 44.3790,
16.2110

 212.9520, 27.4590,
25.4990

 13.5690, 26.4990,
9.8510

 233.1670, 10.4960,
19.0400

 0.0000, 0.0000,
0.0000

 250.3040, 2.2000,

4.1840

■ 93.6530, 71.5620,
46.7140

■ 93.6530, 71.5620,
46.7140

■ 81.0180, 80.9600,
52.6080

■ 106.2880, 62.1640,
40.8200

■ 68.4970, 90.0370,
58.8130

■ 118.8090, 53.0870,
34.6150

■ 64.5190, 92.9710,
60.7070

■ 131.4440, 43.6890,
28.7210

■ 143.9650, 34.6120,
22.5160

■ 156.6000, 25.2140,
16.6220

■ 169.8220, 15.5410,
10.2050

■ 182.3430, 6.4640,
4.0000

■ 194.9780, -2.9340,
-1.8940

■ 207.4990,
-12.0110, -8.0990

Harmonies

Analogous

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



101.3030, 40.6130, 51.4370



93.6530, 71.5620, 46.7140



96.0670, 78.1230, 21.4110

Triad

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



93.6530, 71.5620, 46.7140



86.6190, 3.5850, -48.4710



92.1970, -95.6410, -1.2810

Complementary

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



93.6530, 71.5620, 46.7140



141.3470, -71.5620, -46.7140

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.



91.9570, -86.6980, -14.6820



93.6530, 71.5620, 46.7140



79.1550, -53.4060, -45.3580

Square

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



93.6530, 71.5620, 46.7140



96.0200, 39.6650, -30.5350



86.9580, -71.2440, -30.4440



85.4780, -94.6340, 8.0060

Rectangle

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



93.6530, 71.5620, 46.7140



96.8590, 74.8720, -2.2800



86.9580, -71.2440, -30.4440



93.0460, -93.8980, -5.3380

Sweetspot

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



93.6530, 71.5620, 46.7140



209.3230, 27.5520, 18.3040



89.4620, 10.0290, 66.0690



101.8330, 17.0080, 11.1520



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



93.6530, 71.5620, 46.7140



96.6510, 110.5750, 72.0710



100.8670, 81.5620, 19.6580



88.0330, 4.4010, 2.8410



53.3980, 76.8340, 50.2900



10.4090, 15.2660, 9.6820

Inverse Universe

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



93.6530, 71.5620, 46.7140



96.6510, 110.5750, 72.0710



134.1330, -81.5620, -19.6580



88.0330, 4.4010, 2.8410



53.3980, 76.8340, 50.2900



10.4090, 15.2660, 9.6820

Previews

White Background



This preview shows how the YIQ color 93.6530, 71.5620, 46.7140 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 93.6530, 71.5620, 46.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

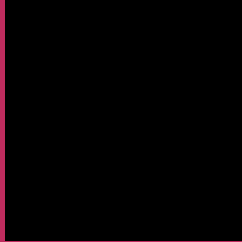
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.6530, 71.5620, 46.7140

Background



This preview shows how black text looks on a background with the YIQ color 93.6530, 71.5620, 46.7140.



This preview shows how white text looks on a background with the YIQ color 93.6530, 71.5620,

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

93.6530, 71.5620, 46.7140

Protanopia

105.3120, -9.4460, 5.9940

Deuteranopia

104.7970, 16.6890, 0.4090



Tritanopia

94.5930, 79.8180, 29.2420

Trichromacy



Original Color

93.6530, 71.5620, 46.7140

Protanomaly

100.8970, 20.1240, 20.7640

Deuteranomaly

100.8740, 36.1260, 17.1020

Tritanomaly

94.1400, 77.0200, 35.9000

Monochromacy



Original Color

93.6530, 71.5620, 46.7140

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8990, 25.8100, 16.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.6530, 71.5620, 46.7140 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(191, 44, 94)` looks like.

```
.text, #text, p{  
    color:rgb(191, 44, 94)  
}
```

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(191, 44, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 44, 94) }
```

Border

The CSS property to change the border of an element to YIQ 93.6530, 71.5620, 46.7140 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(191, 44, 94) }
```


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

```
.border{ border-color:rgb(191, 44, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 44, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 44, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 44, 94);  
box-shadow:4px 4px 4px 4px rgb(191, 44,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 93.6530, 71.5620, 46.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 44, 94) }
```

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

```
.background{ background-color: rgb(191, 44,  
94) }
```

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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