

Converting Colors

YIQ(95.0510, 67.0250, 35.3210)

Have a look what the booklet for
YIQ(95.0510, 67.0250, 35.3210)
contains.

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Color

**YIQ(95.0510, 67.0250,
35.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	B53651
RGB	181, 54, 81
RGB Percent	71%, 21%, 32%
CMY	0.2899, 0.7884, 0.6821
CMYK	0.00, 0.70, 0.55, 0.29
HSL	347°, 54%, 46%
HSV	347°, 70%, 71%
XYZ	21.8794, 13.0620, 9.1649
YIQ	95.0510, 67.0250, 35.3210

Conversions

Conversions Part 2

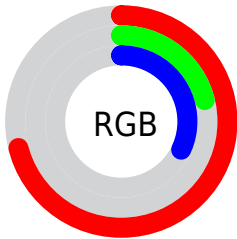
Format	Color
R_{YB}	181, 54, 81
Decimal	11875921
CIE _{Lab}	42.86, 52.74, 13.83
CIE _{LCh}	43, 54.523, 14.690
Yxy	13.0620, 0.4961, 0.2961
Android (android.graphics.Color)	4290066001 (0xFFB53651)
YUV	95.0510, -6.9271, 75.3773
Hunter-Lab	36.1414, 44.8135, 10.2639

Details

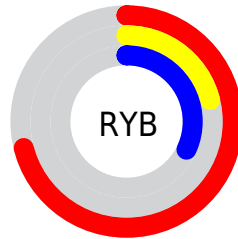
The YIQ color **95.0510, 67.0250, 35.3210** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **139.9490, -67.0250, -35.3210**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.1610, 72.5270, 34.7270**, and **40.6960, 60.8350, 37.3710** is the 20% darker color. If you saturate the color by 10%, you get **82.8890, 76.4690, 40.3810**, and if you desaturate by 10%, it is **107.2130, 57.5810, 30.2610**.

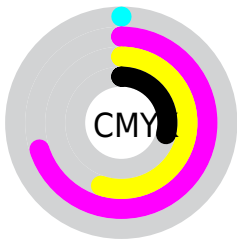
Distribution



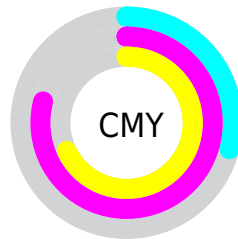
- Red (71%)
- Green (21%)
- Blue (32%)



- Red (71%)
- Yellow (21%)
- Blue (32%)



- Cyan (0%)
- Magenta (70%)
- Yellow (55%)
- Black (29%)



- Cyan (29%)
- Magenta (79%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.0510, 67.0250, 35.3210 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 95.0510, 67.0250, 35.3210 by changing the saturation by 10% instead.

■ 95.0510, 67.0250,
35.3210

■ 95.0510, 67.0250,
35.3210

■ 255.0000, -0.0000,
-0.0000

■ 64.0880, 65.6030,
39.0670

■ 151.1610, 72.5270,
34.7270

■ 40.6960, 60.8350,
37.3710

■ 174.4480, 64.2290,
30.9250

■ 29.6310, 50.2920,
24.6920

■ 193.9620, 47.8620,
24.6780

■ 19.8480, 39.0150,
14.3030

■ 213.4760, 31.4950,
18.4310

■ 10.8780, 21.1350,
7.9430

■ 233.8050, 14.2110,
12.2830

■ 0.0000, 0.0000,
0.0000

■ 252.6520, 1.1000,

2.0920

■ 95.0510, 67.0250,
35.3210

■ 95.0510, 67.0250,
35.3210

■ 82.8890, 76.4690,
40.3810

■ 107.2130, 57.5810,
30.2610

■ 70.7270, 85.9130,
45.4410

■ 119.4890, 47.8160,
25.5120

■ 58.5650, 95.3570,
50.5010

■ 131.6510, 38.3720,
20.4520

■ 143.8130, 28.9280,
15.3920

■ 155.9750, 19.4840,
10.3320

■ 168.8380, 9.4440,
5.0600

■ 181.0000, -0.0000,
0.0000

■ 193.1620, -9.4440,
-5.0600

■ 205.3240,
-18.8880, -10.1200

Harmonies

Analogous

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



99.2400, 44.9240, 44.8920



95.0510, 67.0250, 35.3210



96.6540, 68.6800, 10.8240

Triad

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



95.0510, 67.0250, 35.3210



84.9780, -13.2430, -40.8510



87.7630, -91.4230, -0.6310

Complementary

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



95.0510, 67.0250, 35.3210



139.9490, -67.0250, -35.3210

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.



89.1360, -85.6440, -11.7560



95.0510, 67.0250, 35.3210



79.1040, -57.3960, -39.1240

Square

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



95.0510, 67.0250, 35.3210



92.4210, 31.0460, -34.0260



85.6360, -73.0330, -25.5530



91.9180, -63.4580, 15.6940

Rectangle

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



95.0510, 67.0250, 35.3210



95.7820, 64.6030, -8.9090



85.6360, -73.0330, -25.5530



88.9540, -90.6430, -3.7550

Sweetspot

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



95.0510, 67.0250, 35.3210



201.2040, 26.2690, 14.0210



98.3780, 18.8330, 60.6970



97.3550, 15.3580, 8.0140



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



95.0510, 67.0250, 35.3210



101.6910, 103.9300, 54.8260



113.1050, 65.7920, 8.0960



85.9190, 4.7220, 2.5300



50.4060, 82.3830, 43.3350



9.0560, 14.7620, 7.8020

Inverse Universe

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



95.0510, 67.0250, 35.3210



101.6910, 103.9300, 54.8260



121.8950, -65.7920, -8.0960



85.9190, 4.7220, 2.5300



50.4060, 82.3830, 43.3350



9.0560, 14.7620, 7.8020

Previews

White Background



This preview shows how the YIQ color 95.0510, 67.0250, 35.3210 looks on a white background.

Color Contrast Check

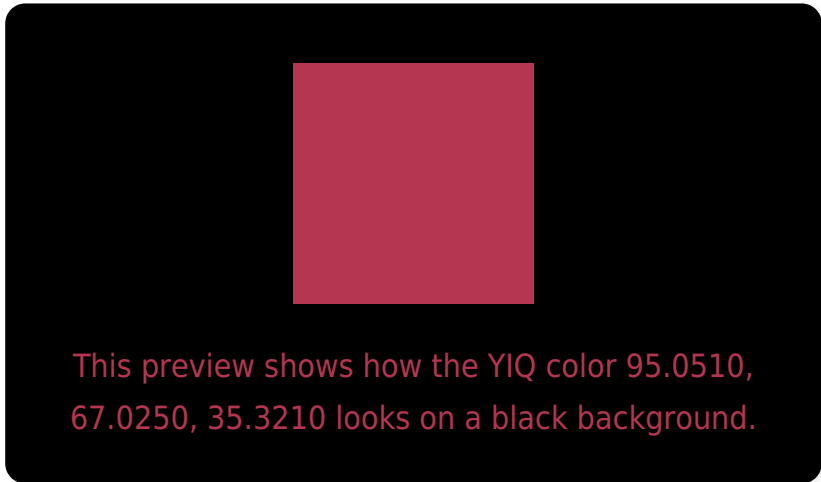
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 95.0510, 67.0250, 35.3210

Background



This preview shows how black text looks on a background with the YIQ color 95.0510, 67.0250, 35.3210.



This preview shows how white text looks on a background with the YIQ color 95.0510, 67.0250,

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

95.0510, 67.0250, 35.3210

Protanopia

102.5270, -0.0460, 0.8340

Deuteranopia

102.2550, 21.0910, -2.2770



Tritanopia

94.8200, 71.7490, 26.7970

Trichromacy



Original Color

95.0510, 67.0250, 35.3210

Protanomaly

100.0080, 23.8850, 13.1730

Deuteranomaly

99.6690, 37.9610, 11.3770

Tritanomaly

95.0310, 69.7770, 29.4970

Monochromacy



Original Color

95.0510, 67.0250, 35.3210

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.8940, 24.2060, 12.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.0510, 67.0250, 35.3210 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(181, 54, 81)` looks like.

```
.text, #text, p{  
    color:rgb(181, 54, 81)  
}
```

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(181, 54, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 54, 81) }
```

Border

The CSS property to change the border of an element to YIQ 95.0510, 67.0250, 35.3210 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(181, 54, 81) }
```


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

```
.border{ border-color:rgb(181, 54, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 54, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 54, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 54, 81);  
box-shadow:4px 4px 4px 4px rgb(181, 54,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 95.0510, 67.0250, 35.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 54, 81) }
```

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

```
.background{ background-color: rgb(181, 54,  
81) }
```

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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