

Converting Colors

YUV(95.3490, 51.5929, 65.4689)

Have a look what the booklet for
YUV(95.3490, 51.5929, 65.4689)
contains.

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Color

**YUV(95.3490, 51.5929,
65.4689)**

Conversions

Conversions Part 1

Format	Color
Hex	AA25C8
RGB	170, 37, 200
RGB Percent	67%, 15%, 78%
CMY	0.3333, 0.8549, 0.2157
CMYK	0.15, 0.81, 0.00, 0.22
HSL	289°, 69%, 46%
HSV	289°, 82%, 78%
XYZ	27.6645, 14.0393, 55.8954
YIQ	95.3490, 26.9450, 78.8890

Conversions

Conversions Part 2

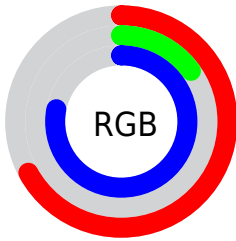
Format	Color
R_{YB}	170, 37, 200
Decimal	11150792
CIE _{Lab}	44.29, 71.49, -56.19
CIE _{LCh}	44, 90.932, 321.832
Yxy	14.0393, 0.2834, 0.1438
Android (android.graphics.Color)	4289340872 (0xFFAA25C8)
YUV	95.3490, 51.5929, 65.4689
Hunter-Lab	37.4691, 66.2206, -62.2189

Details

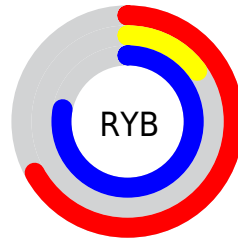
The YUV color **95.3490, 51.5929, 65.4689** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **141.6510, -51.5929, -65.4689**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2410, 48.6882, 63.8096**, and **50.3170, 46.6787, 54.9730** is the 20% darker color. If you saturate the color by 10%, you get **82.4130, 57.9704, 73.3058**, and if you desaturate by 10%, it is **108.2850, 45.2155, 57.6321**.

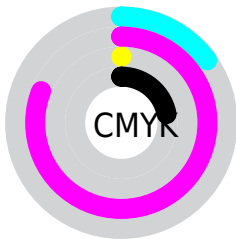
Distribution



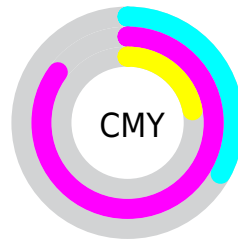
- Red (67%)
- Green (15%)
- Blue (78%)



- Red (67%)
- Yellow (15%)
- Blue (78%)



- Cyan (15%)
- Magenta (81%)
- Yellow (0%)
- Black (22%)





- Cyan (33%)
- Magenta (85%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.3490, 51.5929, 65.4689 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 YUV color 95.3490, 51.5929, 65.4689 by changing the saturation by 10% instead.


 95.3490, 51.5929,
65.4689


 95.3490, 51.5929,
65.4689


255.0000, 0.0000,
0.0000


 61.7670, 54.3449,
69.4873


 156.2410, 48.6882,
63.8096


 50.3170, 46.6787,
54.9730


 181.0380, 36.4633,
64.8647


 38.6820, 39.5968,
39.7439


 197.4740, 28.3603,
50.4503

 27.3460, 32.3674,
25.1296

 214.4970, 19.9680,
35.5211

 15.9390, 26.1591,
9.7005

 231.5200, 11.5756,
20.5920

 5.1300, 19.6559,
-4.4990

 249.1300, 2.8939,

 3.2090, 9.7570,

5.1480

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 95.3490, 51.5929,
65.4689

■ 95.3490, 51.5929,
65.4689

■ 82.4130, 57.9704,
73.3058

■ 108.2850, 45.2155,
57.6321

■ 71.5370, 63.3323,
80.2131

■ 120.9220, 38.9855,
49.1804

■ 133.8580, 32.6080,
41.3435

■ 146.7940, 26.2306,
33.5067

■ 159.4310, 20.0005,
25.0550

■ 172.3670, 13.6231,
17.2181

■ 185.3030, 7.2456,
9.3813

■ 197.9400, 1.0156,
0.9296

■ 210.8760, -5.3619,
-6.9073

Harmonies

Analogous

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



84.1510, 81.2706, -73.8004



95.3490, 51.5929, 65.4689



81.0840, 23.6226, 123.5833

Triad

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



95.3490, 51.5929, 65.4689



99.1200, -48.8662, 40.2368



96.8980, 31.1093, -84.9795

Complementary

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



95.3490, 51.5929, 65.4689



141.6510, -51.5929, -65.4689

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.



86.7180, -2.8190, -76.0517



95.3490, 51.5929, 65.4689



90.8050, -44.7669, -14.7380

Square

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



95.3490, 51.5929, 65.4689



87.6660, -43.2193, 95.8859



75.1360, -37.0420, -65.8943



103.1340, 60.0799, -90.4485

Rectangle

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



95.3490, 51.5929, 65.4689



77.7760, 0.6034, 133.5004



75.1360, -37.0420, -65.8943



93.9340, 19.7525, -82.3801

Sweetspot

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



95.3490, 51.5929, 65.4689



215.9040, 19.2743, 24.6402



74.9530, 61.6482, -33.2848



104.1880, 11.7393, 14.7441



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.



95.3490, 51.5929, 65.4689



94.4960, 79.1285, 100.4200



98.7330, 25.7676, 88.8112



93.4180, 2.7519, 4.0184



58.3490, 51.5929, 65.4689



12.7750, 11.4499, 14.2293

Inverse Universe

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



89.1570, -10.9234, 97.2093



84.9940, -16.7590, 149.0953



138.2670, -25.7676, -88.8112



92.8050, -0.8899, 5.4330



52.1570, -10.9234, 97.2093



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 95.3490, 51.5929, 65.4689 looks on a white background.

Color Contrast Check

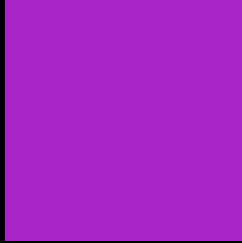
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 95.3490, 51.5929, 65.4689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

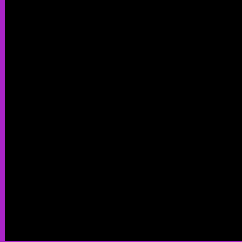
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.3490, 51.5929, 65.4689

Background



This preview shows how black text looks on a background with the YUV color 95.3490, 51.5929, 65.4689.



This preview shows how white text looks on a background with the YUV color 95.3490, 51.5929,

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

95.3490, 51.5929, 65.4689

Protanopia

84.3840, 64.3937, -74.0048

Deuteranopia

90.3350, 48.6418, -61.6838



Tritanopia

105.9130, -7.8451, 43.0493

Trichromacy



Original Color

95.3490, 51.5929, 65.4689



Protanomaly

88.2640, 60.0158, -23.0335



Deuteranomaly

92.5610, 49.5164, -15.4010



Tritanomaly

101.9890, 13.8094, 50.8756

Monochromacy



Original Color

95.3490, 51.5929, 65.4689



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

95.0780, 18.6955, 23.6106

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3490, 51.5929, 65.4689 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(170, 37, 200)` looks like.

```
.text, #text, p{  
    color:rgb(170, 37, 200)  
}
```

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(170, 37, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 37, 200) }
```

Border

The CSS property to change the border of an element to YUV 95.3490, 51.5929, 65.4689 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(170, 37, 200) }
```


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

```
.border{ border-color:rgb(170, 37, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 37, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 37, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 37, 200);  
box-shadow:4px 4px 4px 4px rgb(170, 37,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 95.3490, 51.5929, 65.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 37, 200) }
```

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

```
.background{ background-color: rgb(170, 37,  
200) }
```

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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