

Converting Colors

YUV(95.6150, 44.5598, 34.5406)

Have a look what the booklet for
YUV(95.6150, 44.5598, 34.5406)
contains.

YUV(95.6150, 44.5598, 34.5406)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.6150, 44.5598,
34.5406)**

Conversions

Conversions Part 1

Format	Color
Hex	873ABA
RGB	135, 58, 186
RGB Percent	53%, 23%, 73%
CMY	0.4706, 0.7725, 0.2706
CMYK	0.27, 0.69, 0.00, 0.27
HSL	276°, 52%, 48%
HSV	276°, 69%, 73%
XYZ	20.3677, 11.7222, 47.6435
YIQ	95.6150, 4.8040, 56.1320

Conversions

Conversions Part 2

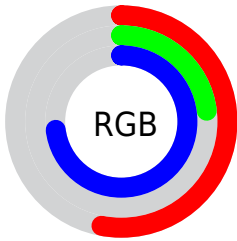
Format	Color
R_{YB}	135, 58, 186
Decimal	8862394
CIE _{Lab}	40.77, 54.50, -53.96
CIE _{LCh}	41, 76.693, 315.289
Yxy	11.7222, 0.2554, 0.1470
Android (android.graphics.Color)	4287052474 (0xFF873ABA)
YUV	95.6150, 44.5598, 34.5406
Hunter-Lab	34.2377, 46.2720, -58.5387

Details

The YUV color **95.6150, 44.5598, 34.5406** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **148.3850, -44.5598, -34.5406**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2670, 45.7174, 36.5998**, and **38.9680, 45.8648, 35.9851** is the 20% darker color. If you saturate the color by 10%, you get **82.3690, 51.0901, 40.0184**, and if you desaturate by 10%, it is **108.8610, 38.0295, 29.0629**.

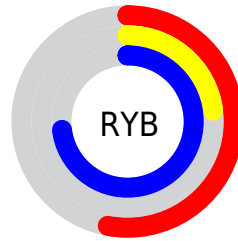
Distribution



Red (53%)

Green (23%)

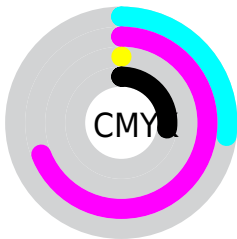
Blue (73%)



Red (53%)

Yellow (23%)

Blue (73%)

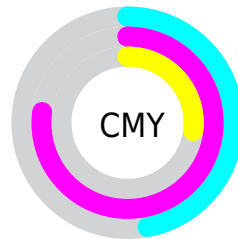


Cyan (27%)

Magenta (69%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (77%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6150, 44.5598, 34.5406 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 95.6150, 44.5598, 34.5406 by changing the saturation by 10% instead.

95.6150, 44.5598,
34.5406

95.6150, 44.5598,
34.5406

255.0000, 0.0000,
0.0000

67.7290, 44.9966,
34.4407

150.2670, 45.7174,
36.5998

38.9680, 45.8648,
35.9851

176.1550, 38.8706,
39.3291

27.6320, 38.6354,
21.3707

200.9740, 26.6348,
43.8728

17.0080, 31.5481,
7.8860

218.6060, 17.9422,
31.9175

6.4980, 24.8975,
-5.6987

235.6290, 9.5499,
16.9884

5.0500, 14.2723,
-4.4289

252.6520, 1.1576,

1.0260, 3.9312,

2.0592

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 95.6150, 44.5598,
34.5406

■ 95.6150, 44.5598,
34.5406

■ 82.3690, 51.0901,
40.0184

■ 108.8610, 38.0295,
29.0629

■ 69.4110, 57.4784,
44.3666

■ 121.8190, 31.6412,
24.7147

■ 56.1650, 64.0087,
49.8443

■ 135.0650, 25.1110,
19.2370

■ 54.6920, 64.7348,
50.2591

■ 148.0230, 18.7227,
14.8888

■ 161.2690, 12.1924,
9.4111

■ 174.5150, 5.6621,
3.9333

■ 187.4730, -0.7262,
-0.4148

■ 200.7190, -7.2565,
-5.8926

■ 213.6770,
-13.6448, -10.2407

Harmonies

Analogous

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



80.2580, 68.8928, -70.3863



95.6150, 44.5598, 34.5406



71.3310, 28.9238, 103.1957

Triad

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



95.6150, 44.5598, 34.5406



90.8910, -44.8093, 45.6996



85.6190, 20.8938, -75.0879

Complementary

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



95.6150, 44.5598, 34.5406



148.3850, -44.5598, -34.5406

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.



76.9210, -7.3561, -67.4597



95.6150, 44.5598, 34.5406



86.7730, -42.7791, 1.0761

Square

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



95.6150, 44.5598, 34.5406



79.9580, -39.4193, 90.3678



66.9180, -32.9906, -58.6871



91.6440, 46.5175, -80.3718

Rectangle

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



95.6150, 44.5598, 34.5406



70.1310, 8.8094, 114.7721



66.9180, -32.9906, -58.6871



83.1110, 11.2843, -72.8883

Sweetspot

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



95.6150, 44.5598, 34.5406



206.0830, 17.7071, 13.9592



102.5290, 41.1512, -39.0519



100.8020, 10.4506, 8.0666



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



95.6150, 44.5598, 34.5406



100.0930, 69.9602, 54.2924



109.3820, 31.3637, 67.1940



85.5210, 3.1941, 2.1741



45.8900, 54.2842, 42.1925



8.2750, 9.7244, 7.6518

Inverse Universe

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



102.0860, 3.4086, 73.5926



110.2190, 5.3150, 115.5719



134.6180, -31.3637, -67.1940



86.0330, -0.0163, 5.2331



53.7120, 4.0860, 89.7066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 95.6150, 44.5598, 34.5406 looks on a white background.

Color Contrast Check

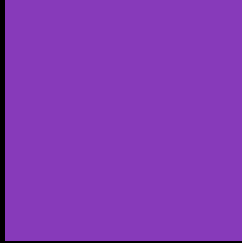
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.6150, 44.5598, 34.5406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

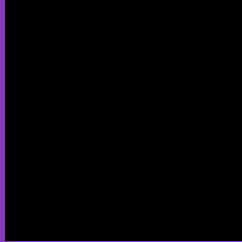
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6150, 44.5598, 34.5406

Background



This preview shows how black text looks on a background with the YUV color 95.6150, 44.5598, 34.5406.



This preview shows how white text looks on a background with the YUV color 95.6150, 44.5598,

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

95.6150, 44.5598, 34.5406

Protanopia

77.0490, 59.1358, -67.5720

Deuteranopia

77.3620, 47.6425, -67.8465



Tritanopia

98.0670, -1.5120, 18.3582

Trichromacy



Original Color

95.6150, 44.5598, 34.5406

Protanomaly

83.6130, 53.9278, -30.3556

Deuteranomaly

83.6640, 46.5076, -30.4003

Tritanomaly

97.1660, 15.2012, 24.4104

Monochromacy



Original Color

95.6150, 44.5598, 34.5406

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7300, 16.4021, 12.5148

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6150, 44.5598, 34.5406 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(135, 58, 186)` looks like.

```
.text, #text, p{  
    color:rgb(135, 58, 186)  
}
```

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(135, 58, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 58, 186) }
```

Border

The CSS property to change the border of an element to YUV 95.6150, 44.5598, 34.5406 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(135, 58, 186) }
```


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

```
.border{ border-color:rgb(135, 58, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 58, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 58, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 58, 186);  
box-shadow:4px 4px 4px 4px rgb(135, 58,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 95.6150, 44.5598, 34.5406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 58, 186) }
```

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

```
.background{ background-color: rgb(135, 58,  
186) }
```

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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