

Converting Colors

YUV(93.3340, 30.8943, 77.7601)

Have a look what the booklet for
YUV(93.3340, 30.8943, 77.7601)
contains.

YUV(93.3340, 30.8943, 77.7601)	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(93.3340, 30.8943,
77.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	B6249C
RGB	182, 36, 156
RGB Percent	71%, 14%, 61%
CMY	0.2863, 0.8588, 0.3882
CMYK	0.00, 0.80, 0.14, 0.29
HSL	311°, 67%, 43%
HSV	311°, 80%, 71%
XYZ	25.9230, 13.6071, 32.7126
YIQ	93.3340, 48.4960, 68.2720

Conversions

Conversions Part 2

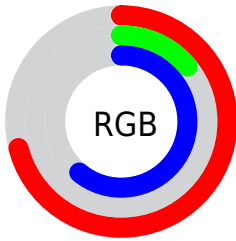
Format	Color
R_{YB}	182, 36, 156
Decimal	11936924
CIE _{Lab}	43.66, 67.08, -31.08
CIE _{LCh}	44, 73.932, 335.139
Yxy	13.6071, 0.3588, 0.1884
Android (android.graphics.Color)	4290127004 (0xFFB6249C)
YUV	93.3340, 30.8943, 77.7601
Hunter-Lab	36.8879, 60.8876, -26.7577

Details

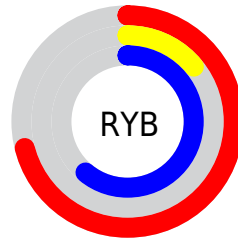
The YUV color **93.3340, 30.8943, 77.7601** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **124.6660, -30.8943, -77.7601**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2260, 27.9896, 76.1008**, and **49.2310, 27.0011, 66.4494** is the 20% darker color. If you saturate the color by 10%, you get **82.4260, 34.7930, 87.3264**, and if you desaturate by 10%, it is **104.2420, 26.9957, 68.1938**.

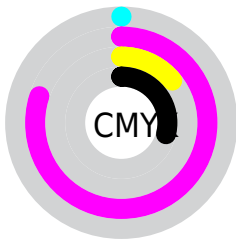
Distribution



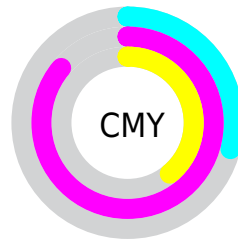
- Red (71%)
- Green (14%)
- Blue (61%)



- Red (71%)
- Yellow (14%)
- Blue (61%)



- Cyan (0%)
- Magenta (80%)
- Yellow (14%)
- Black (29%)



- Cyan (29%)
- Magenta (86%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3340, 30.8943, 77.7601 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 93.3340, 30.8943, 77.7601 by changing the saturation by 10% instead.

93.3340, 30.8943,
77.7601

93.3340, 30.8943,
77.7601

255.0000, 0.0000,
0.0000

60.5670, 34.2305,
81.0637

154.2260, 27.9896,
76.1008

49.2310, 27.0011,
66.4494

178.6270, 29.7639,
66.9791

38.1230, 20.6454,
51.6351

196.8870, 28.6497,
50.9651

27.3140, 14.1422,
37.4356

213.9100, 20.2574,
36.0359

16.7330, 8.5126,
23.0362

230.9330, 11.8650,
21.1068

0.7980, 3.0576,
-0.6998

248.5430, 3.1833,

0.0000, 0.0000,

5.6628

0.0000

■ 93.3340, 30.8943,
77.7601

■ 93.3340, 30.8943,
77.7601

■ 82.4260, 34.7930,
87.3264

■ 104.2420, 26.9957,
68.1938

■ 71.5180, 38.6916,
96.8927

■ 115.1500, 23.0971,
58.6275

■ 126.7590, 19.3458,
48.4464

■ 137.6670, 15.4472,
38.8800

■ 148.5750, 11.5485,
29.3137

■ 159.4830, 7.6499,
19.7474

■ 170.5050, 4.1880,
10.0811

■ 182.0000, 0.0000,
0.0000

■ 192.9080, -3.8986,
-9.5663

Harmonies

Analogous

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



104.1060, 49.7407, 6.0460



93.3340, 30.8943, 77.7601



72.8370, 11.4194, 117.6610

Triad

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



93.3340, 30.8943, 77.7601



96.0310, -47.3433, 18.3898



94.8580, 38.5240, -83.1905

Complementary

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



93.3340, 30.8943, 77.7601



124.6660, -30.8943, -77.7601

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.



88.0180, 12.3161, -77.1918



93.3340, 30.8943, 77.7601



84.2050, -41.5131, -31.7518

Square

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



93.3340, 30.8943, 77.7601



95.7080, -47.1840, 60.7691



78.7330, -15.6444, -69.0488



96.8250, 58.7533, -84.9155

Rectangle

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



93.3340, 30.8943, 77.7601



78.5330, -11.1088, 110.0346



78.7330, -15.6444, -69.0488



93.2790, 29.9355, -81.8057

Sweetspot

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



93.3340, 30.8943, 77.7601



202.4010, 12.1273, 30.3433



59.8200, 60.2347, 0.1579



98.7710, 7.5079, 18.6178



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



93.3340, 30.8943, 77.7601



98.6040, 48.5092, 121.3733



85.2400, -0.1183, 84.8585



86.4890, 1.7309, 4.8331



61.2360, 32.9147, 83.1080



10.9940, 5.9190, 14.9143

Inverse Universe

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



93.3340, 30.8943, 77.7601



98.6040, 48.5092, 121.3733



132.7600, 0.1183, -84.8585



86.4890, 1.7309, 4.8331



61.2360, 32.9147, 83.1080



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 93.3340, 30.8943, 77.7601 looks on a white background.

Color Contrast Check

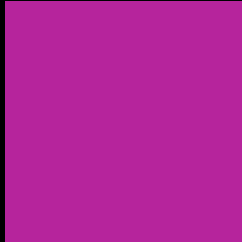
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.3340, 30.8943, 77.7601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

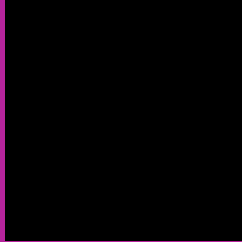
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.3340, 30.8943, 77.7601

Background



This preview shows how black text looks on a background with the YUV color 93.3340, 30.8943, 77.7601.



This preview shows how white text looks on a background with the YUV color 93.3340, 30.8943,

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

93.3340, 30.8943, 77.7601

Protanopia

91.3000, 58.5191, -56.3911

Deuteranopia

103.8300, 21.2828, -13.0059



Tritanopia

100.2640, -13.4412, 64.6665

Trichromacy



Original Color

93.3340, 30.8943, 77.7601



Protanomaly

91.6760, 48.4737, -7.6089



Deuteranomaly

100.2500, 24.5267, 19.9518



Tritanomaly

97.5370, 2.6933, 69.6891

Monochromacy



Original Color

93.3340, 30.8943, 77.7601



Achromatopsia

93.0000, 0.0000, 0.0000



Achromatomaly

92.8630, 11.4065, 28.1841

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3340, 30.8943, 77.7601 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(182, 36, 156)` looks like.

```
.text, #text, p{  
    color:rgb(182, 36, 156)  
}
```

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(182, 36, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 36, 156) }
```

Border

The CSS property to change the border of an element to YUV 93.3340, 30.8943, 77.7601 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(182, 36, 156) }
```


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

```
.border{ border-color:rgb(182, 36, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 36, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 36, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 36, 156);  
box-shadow:4px 4px 4px 4px rgb(182, 36,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 93.3340, 30.8943, 77.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 36, 156) }
```

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

```
.background{ background-color: rgb(182, 36,  
156) }
```

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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