

Converting Colors

YUV(87.9520, 30.0967, 53.5391)

Have a look what the booklet for
YUV(87.9520, 30.0967, 53.5391)
contains.

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Color

**YUV(87.9520, 30.0967,
53.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	952D95
RGB	149, 45, 149
RGB Percent	58%, 18%, 58%
CMY	0.4157, 0.8235, 0.4157
CMYK	0.00, 0.70, 0.00, 0.42
HSL	300°, 54%, 38%
HSV	300°, 70%, 58%
XYZ	18.7576, 10.4363, 29.4595
YIQ	87.9520, 28.6000, 54.3920

Conversions

Conversions Part 2

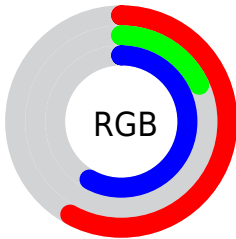
Format	Color
R_{YB}	149, 45, 149
Decimal	9776533
CIE _{Lab}	38.61, 55.70, -35.19
CIE _{LCh}	39, 65.885, 327.713
Yxy	10.4363, 0.3198, 0.1779
Android (android.graphics.Color)	4287966613 (0xFF952D95)
YUV	87.9520, 30.0967, 53.5391
Hunter-Lab	32.3052, 47.1098, -31.4537

Details

The YUV color **87.9520, 30.0967, 53.5391** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **106.0480, -30.0967, -53.5391**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.5500, 29.8019, 54.7687**, and **39.2780, 28.9499, 47.9912** is the 20% darker color. If you saturate the color by 10%, you get **79.1470, 34.4375, 61.2611**, and if you desaturate by 10%, it is **96.7570, 25.7558, 45.8171**.

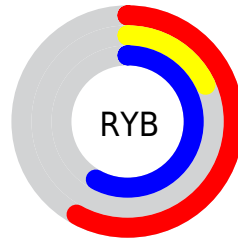
Distribution



Red (58%)

Green (18%)

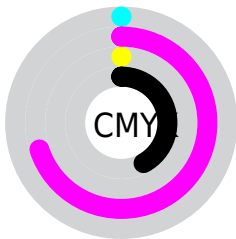
Blue (58%)



Red (58%)

Yellow (18%)

Blue (58%)

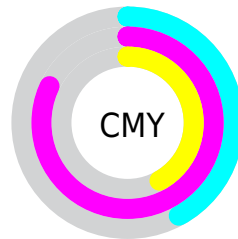


Cyan (0%)

Magenta (70%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (82%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9520, 30.0967, 53.5391 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 87.9520, 30.0967, 53.5391 by changing the saturation by 10% instead.

87.9520, 30.0967,
53.5391

87.9520, 30.0967,
53.5391

255.0000, 0.0000,
0.0000

54.8970, 33.5748,
57.9723

143.5500, 29.8019,
54.7687

39.2780, 28.9499,
47.9912

171.8490, 29.6544,
55.3834

28.6540, 21.8626,
34.5064

196.3000, 28.9391,
51.4799

19.1550, 15.2066,
22.6661

212.7360, 20.8362,
37.0655

3.1920, 12.2303,
-2.7994

229.7590, 12.4438,
22.1364

0.0000, 0.0000,
0.0000

246.7820, 4.0515,

■ 87.9520, 30.0967,
53.5391

■ 87.9520, 30.0967,
53.5391

■ 79.1470, 34.4375,
61.2611

■ 96.7570, 25.7558,
45.8171

■ 70.3420, 38.7784,
68.9831

■ 105.5620, 21.4149,
38.0951

■ 61.5370, 43.1193,
76.7051

■ 114.3670, 17.0741,
30.3731

■ 123.1720, 12.7332,
22.6512

■ 131.9770, 8.3923,
14.9292

■ 140.1950, 4.3409,
7.7220

■ 149.0000, 0.0000,
0.0000

■ 157.8050, -4.3409,
-7.7220

■ 166.6100, -8.6817,
-15.4440

Harmonies

Analogous

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



88.3330, 48.6428, -15.2010



87.9520, 30.0967, 53.5391



64.5790, 15.9836, 100.3472

Triad

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



87.9520, 30.0967, 53.5391



85.4540, -42.1288, 25.9118



82.2910, 28.4505, -72.1692

Complementary

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



87.9520, 30.0967, 53.5391



106.0480, -30.0967, -53.5391

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.



76.0210, 4.4266, -66.6704



87.9520, 30.0967, 53.5391



78.4120, -38.6571, -14.3933

Square

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



87.9520, 30.0967, 53.5391



83.0270, -40.9323, 62.2433



67.0610, -19.7501, -58.8125



85.3180, 47.6642, -74.8239

Rectangle

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



87.9520, 30.0967, 53.5391



66.7690, -2.3511, 101.0576



67.0610, -19.7501, -58.8125



80.2390, 20.5882, -70.3696

Sweetspot

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



87.9520, 30.0967, 53.5391



169.9330, 11.8650, 21.1068



56.8560, 45.4270, -10.3977



82.9120, 6.9454, 12.3552



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



87.9520, 30.0967, 53.5391



98.3190, 47.1707, 83.9122



82.0240, 7.3832, 58.7380



69.8910, 2.0257, 3.6036



56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Inverse Universe

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



87.9520, 30.0967, 53.5391



98.3190, 47.1707, 83.9122



111.9760, -7.3832, -58.7380



69.8910, 2.0257, 3.6036



56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 87.9520, 30.0967, 53.5391 looks on a white background.

Color Contrast Check

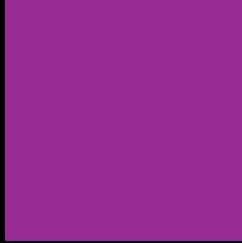
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.9520, 30.0967, 53.5391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

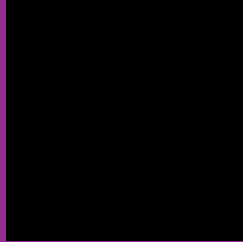
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.9520, 30.0967, 53.5391

Background



This preview shows how black text looks on a background with the YUV color 87.9520, 30.0967, 53.5391.



This preview shows how white text looks on a background with the YUV color 87.9520, 30.0967,

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

87.9520, 30.0967, 53.5391

Protanopia

73.0880, 56.6516, -64.0982

Deuteranopia

89.9260, 25.6725, -20.9831



Tritanopia

91.7990, -8.2819, 43.1493

Trichromacy



Original Color

87.9520, 30.0967, 53.5391

Protanomaly

78.2460, 47.2067, -21.2637

Deuteranomaly

89.2590, 27.4803, 5.9119

Tritanomaly

90.4910, 5.6739, 46.9274

Monochromacy



Original Color

87.9520, 30.0967, 53.5391

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.6940, 10.9969, 19.5624

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9520, 30.0967, 53.5391 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(149, 45, 149)` looks like.

```
.text, #text, p{  
    color:rgb(149, 45, 149)  
}
```

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(149, 45, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 45, 149) }
```

Border

The CSS property to change the border of an element to YUV 87.9520, 30.0967, 53.5391 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(149, 45, 149) }
```


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

```
.border{ border-color:rgb(149, 45, 149) }
```

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

Here you see how a box with a 4 pixel rgb(149, 45, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 45, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 45, 149);  
box-shadow:4px 4px 4px 4px rgb(149, 45,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 87.9520, 30.0967, 53.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 45, 149) }
```

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

```
.background{ background-color: rgb(149, 45,  
149) }
```

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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