

Converting Colors

YUV(91.2480, 21.0767, 53.2795)

Have a look what the booklet for
YUV(91.2480, 21.0767, 53.2795)
contains.

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Color

**YUV(91.2480, 21.0767,
53.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	983486
RGB	152, 52, 134
RGB Percent	60%, 20%, 53%
CMY	0.4039, 0.7961, 0.4745
CMYK	0.00, 0.66, 0.12, 0.40
HSL	311°, 49%, 40%
HSV	311°, 66%, 60%
XYZ	18.4800, 10.8526, 23.6750
YIQ	91.2480, 33.2780, 46.7020

Conversions

Conversions Part 2

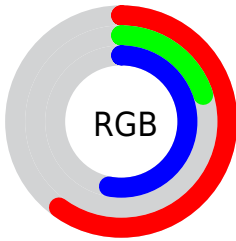
Format	Color
R_{YB}	152, 52, 134
Decimal	9974918
CIE _{Lab}	39.33, 51.17, -24.87
CIE _{LCh}	39, 56.888, 334.080
Yxy	10.8526, 0.3486, 0.2047
Android (android.graphics.Color)	4288164998 (0xFF983486)
YUV	91.2480, 21.0767, 53.2795
Hunter-Lab	32.9433, 42.4810, -19.5490

Details

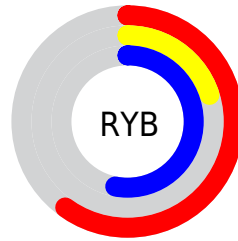
The YUV color **91.2480, 21.0767, 53.2795** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **112.7520, -21.0767, -53.2795**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0310, 20.1977, 55.2238**, and **38.8780, 22.2451, 51.8500** is the 20% darker color. If you saturate the color by 10%, you get **82.1010, 24.1072, 61.3014**, and if you desaturate by 10%, it is **100.3950, 18.0463, 45.2576**.

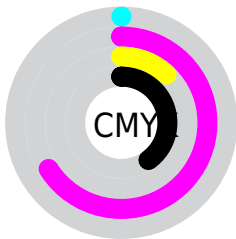
Distribution



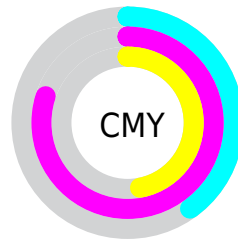
- Red (60%)
- Green (20%)
- Blue (53%)



- Red (60%)
- Yellow (20%)
- Blue (53%)



- Cyan (0%)
- Magenta (66%)
- Yellow (12%)
- Black (40%)





- Cyan (40%)
- Magenta (80%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.2480, 21.0767, 53.2795 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 91.2480, 21.0767, 53.2795 by changing the saturation by 10% instead.

 91.2480, 21.0767,
53.2795

 91.2480, 21.0767,
53.2795


255.0000, 0.0000,
0.0000


 62.1280, 23.1079,
55.1387


 146.0310, 20.1977,
55.2238


 38.8780, 22.2451,
51.8500


 173.7430, 20.3397,
56.3534


 28.1830, 16.1788,
37.5505

 197.9810, 22.6874,
50.0057

 19.0970, 9.8122,
26.2249

 215.6710, 19.3892,
34.4915

 3.5040, 5.6675,
2.1890

 232.6940, 10.9969,
19.5624

 0.0000, 0.0000,
0.0000

 249.7170, 2.6045,

4.6332

■ 91.2480, 21.0767,
53.2795

■ 91.2480, 21.0767,
53.2795

■ 82.1010, 24.1072,
61.3014

■ 100.3950, 18.0463,
45.2576

■ 73.0680, 27.5745,
69.2234

■ 109.4280, 14.5790,
37.3356

■ 63.3340, 30.8943,
77.7601

■ 119.1620, 11.2591,
28.7989

■ 59.6980, 32.1939,
80.9489

■ 128.3090, 8.2287,
20.7770

■ 137.4560, 5.1982,
12.7551

■ 146.4890, 1.7309,
4.8331

■ 155.6360, -1.2995,
-3.1888

■ 165.3700, -4.6194,
-11.7255

■ 174.5170, -7.6499,
-19.7474

Harmonies

Analogous

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



94.1800, 37.3793, 4.2271



91.2480, 21.0767, 53.2795



83.4780, 2.2293, 78.5108

Triad

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



91.2480, 21.0767, 53.2795



86.5840, -42.6859, 17.9048



82.7470, 30.1977, -72.5691

Complementary

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



91.2480, 21.0767, 53.2795



112.7520, -21.0767, -53.2795

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.



77.5030, 10.1050, -67.9701



91.2480, 21.0767, 53.2795



78.3900, -38.6463, -17.8820

Square

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



91.2480, 21.0767, 53.2795



87.0810, -42.9309, 49.9180



70.1560, -10.4299, -61.5268



83.4600, 45.6222, -73.1944

Rectangle

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



91.2480, 21.0767, 53.2795



83.8680, -12.7529, 77.2918



70.1560, -10.4299, -61.5268



81.0370, 23.6458, -71.0694

Sweetspot

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



91.2480, 21.0767, 53.2795



172.3090, 8.2287, 20.7770



68.4830, 41.1739, 0.4534



85.0430, 4.9088, 12.2403



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



91.2480, 21.0767, 53.2795



101.8230, 32.6253, 82.5932



85.6620, -0.3264, 58.1784



72.0760, 1.4415, 4.3183



54.9700, 29.5948, 74.5713



5.0270, 2.4517, 6.9923

Inverse Universe

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



91.2480, 21.0767, 53.2795



101.8230, 32.6253, 82.5932



118.3380, 0.3264, -58.1784



72.0760, 1.4415, 4.3183



54.9700, 29.5948, 74.5713



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 91.2480, 21.0767, 53.2795 looks on a white background.

Color Contrast Check

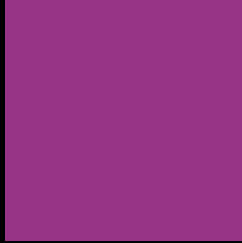
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.2480, 21.0767, 53.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

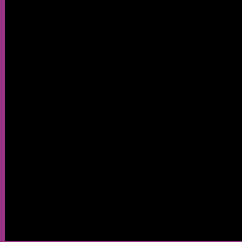
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.2480, 21.0767, 53.2795

Background



This preview shows how black text looks on a background with the YUV color 91.2480, 21.0767, 53.2795.



This preview shows how white text looks on a background with the YUV color 91.2480, 21.0767,

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

91.2480, 21.0767, 53.2795

Protanopia

89.4980, 38.2085, -28.5007

Deuteranopia

93.4130, 17.0514, -9.1322



Tritanopia

92.5930, -9.1663, 46.8379

Trichromacy



Original Color

91.2480, 21.0767, 53.2795

Protanomaly

90.3770, 31.8591, 1.4234

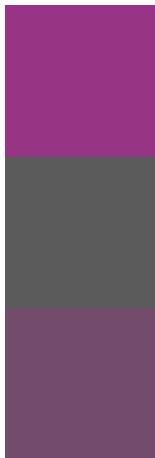
Deuteranomaly

92.3110, 18.5807, 13.7593

Tritanomaly

92.1770, 1.8847, 48.9568

Monochromacy



Original Color

91.2480, 21.0767, 53.2795

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1840, 7.7973, 19.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.2480, 21.0767, 53.2795 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(152, 52, 134)` looks like.

```
.text, #text, p{  
    color:rgb(152, 52, 134)  
}
```

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(152, 52, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 52, 134) }
```

Border

The CSS property to change the border of an element to YUV 91.2480, 21.0767, 53.2795 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(152, 52, 134) }
```


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

```
.border{ border-color:rgb(152, 52, 134) }
```

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

Here you see how a box with a 4 pixel rgb(152, 52, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 52, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 52, 134);  
box-shadow:4px 4px 4px 4px rgb(152, 52,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 91.2480, 21.0767, 53.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 52, 134) }
```

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

```
.background{ background-color: rgb(152, 52,  
134) }
```

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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