

Converting Colors

YUV(93.4820, 22.9334, 64.4753)

Have a look what the booklet for
YUV(93.4820, 22.9334, 64.4753)
contains.

YUV(93.4820, 22.9334, 64.4753)	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(93.4820, 22.9334,
64.4753)**

Conversions

Conversions Part 1

Format	Color
Hex	A72F8C
RGB	167, 47, 140
RGB Percent	65%, 18%, 55%
CMY	0.3451, 0.8157, 0.4510
CMYK	0.00, 0.72, 0.16, 0.35
HSL	314°, 56%, 42%
HSV	314°, 72%, 65%
XYZ	21.6865, 12.1420, 26.0116
YIQ	93.4820, 41.6670, 54.3630

Conversions

Conversions Part 2

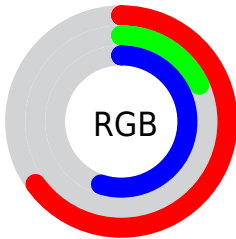
Format	Color
R _Y B	167, 47, 140
Decimal	10956684
CIE Lab	41.44, 57.94, -25.06
CIE LCh	41, 63.128, 336.609
Yxy	12.1420, 0.3624, 0.2029
Android (android.graphics.Color)	4289146764 (0xFFA72F8C)
YUV	93.4820, 22.9334, 64.4753
Hunter-Lab	34.8453, 50.1127, -19.8675

Details

The YUV color **93.4820, 22.9334, 64.4753** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **120.5180, -22.9334, -64.4753**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4390, 21.4756, 65.3900**, and **43.4490, 22.9496, 59.2422** is the 20% darker color. If you saturate the color by 10%, you get **83.0470, 26.1058, 73.6268**, and if you desaturate by 10%, it is **103.9170, 19.7609, 55.3238**.

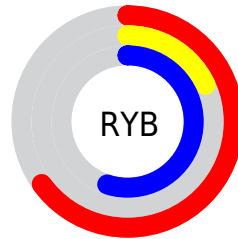
Distribution



Red (65%)

Green (18%)

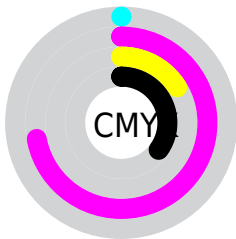
Blue (55%)



Red (65%)

Yellow (18%)

Blue (55%)

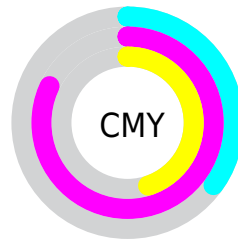


Cyan (0%)

Magenta (72%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (82%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.4820, 22.9334, 64.4753 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 93.4820, 22.9334, 64.4753 by changing the saturation by 10% instead.


 93.4820, 22.9334,
64.4753

 93.4820, 22.9334,
64.4753

255.0000, 0.0000,
0.0000


 58.6660, 27.2797,
70.4529


 150.4390, 21.4756,
65.3900


 43.4490, 22.9496,
59.2422


 178.4500, 21.4702,
67.1344


 32.6400, 16.4465,
45.0427


 198.1920, 26.0343,
49.8206

 22.6570, 10.5221,
31.8728

 215.6710, 19.3892,
34.4915

 11.4780, 5.1873,
16.2438

 232.6940, 10.9969,
19.5624

 0.0000, 0.0000,
0.0000

 249.7170, 2.6045,

4.6332

■ 93.4820, 22.9334,
64.4753

■ 93.4820, 22.9334,
64.4753

■ 83.0470, 26.1058,
73.6268

■ 103.9170, 19.7609,
55.3238

■ 73.1990, 28.9889,
82.2635

■ 113.7650, 16.8779,
46.6871

■ 64.6390, 31.7300,
89.7706

■ 124.0860, 13.2686,
37.6356

■ 134.5210, 10.0961,
28.4841

■ 144.9560, 6.9237,
19.3326

■ 154.8040, 4.0406,
10.6959

■ 165.1250, 0.4314,
1.6444

■ 175.5600, -2.7411,
-7.5071

■ 185.4080, -5.6241,
-16.1438

Harmonies

Analogous

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



99.7230, 40.5626, 9.8899



93.4820, 22.9334, 64.4753



83.0820, 2.9176, 91.1361

Triad

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



93.4820, 22.9334, 64.4753



90.7040, -44.7171, 16.0456



87.9790, 35.0134, -77.1576

Complementary

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



93.4820, 22.9334, 64.4753



120.5180, -22.9334, -64.4753

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.



82.7520, 12.4473, -72.5735



93.4820, 22.9334, 64.4753



80.4060, -39.6402, -25.7891

Square

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



93.4820, 22.9334, 64.4753



91.5220, -45.1203, 52.1622



75.4220, -10.5610, -66.1451



88.9200, 51.3114, -77.9828

Rectangle

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



93.4820, 22.9334, 64.4753



85.9400, -15.2534, 85.9986



75.4220, -10.5610, -66.1451



86.7420, 27.7352, -76.0727

Sweetspot

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



93.4820, 22.9334, 64.4753



187.5700, 9.0860, 25.8101



68.4540, 48.5832, 3.9868



92.1790, 5.3348, 15.6290



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



93.4820, 22.9334, 64.4753



102.4430, 35.7706, 100.4665



86.7560, -2.8377, 70.3740



79.0760, 1.4415, 4.3183



57.3620, 28.4155, 79.4895



7.8040, 4.0406, 10.6959

Inverse Universe

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



93.4820, 22.9334, 64.4753



102.4430, 35.7706, 100.4665



127.2440, 2.8377, -70.3740



79.0760, 1.4415, 4.3183



57.3620, 28.4155, 79.4895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 93.4820, 22.9334, 64.4753 looks on a white background.

Color Contrast Check

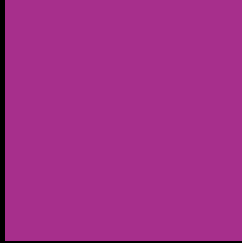
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.4820, 22.9334, 64.4753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

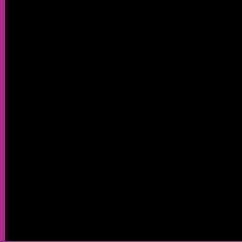
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4820, 22.9334, 64.4753

Background



This preview shows how black text looks on a background with the YUV color 93.4820, 22.9334, 64.4753.



This preview shows how white text looks on a background with the YUV color 93.4820, 22.9334,

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

93.4820, 22.9334, 64.4753

Protanopia

93.7300, 43.0241, -33.0892

Deuteranopia

98.7120, 16.9040, -8.5174



Tritanopia

96.3770, -11.5249, 56.6744

Trichromacy



Original Color

93.4820, 22.9334, 64.4753

Protanomaly

93.4140, 35.7849, 2.2679

Deuteranomaly

96.8600, 19.2960, 17.6628

Tritanomaly

95.0150, 0.9786, 59.6228

Monochromacy



Original Color

93.4820, 22.9334, 64.4753

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0320, 8.3652, 23.6509

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4820, 22.9334, 64.4753 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(167, 47, 140)` looks like.

```
.text, #text, p{  
    color:rgb(167, 47, 140)  
}
```

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(167, 47, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 47, 140) }
```

Border

The CSS property to change the border of an element to YUV 93.4820, 22.9334, 64.4753 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(167, 47, 140) }
```


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

```
.border{ border-color:rgb(167, 47, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 47, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 47, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 47, 140);  
box-shadow:4px 4px 4px 4px rgb(167, 47,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 93.4820, 22.9334, 64.4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 47, 140) }
```

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

```
.background{ background-color: rgb(167, 47,  
140) }
```

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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