

Converting Colors

YUV(108.9520, 6.4327, 36.8761)

Have a look what the booklet for
YUV(108.9520, 6.4327, 36.8761)
contains.

YUV(108.9520, 6.4327, 36.8761)	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(108.9520, 6.4327,
36.8761)**

Conversions

Conversions Part 1

Format	Color
Hex	97557A
RGB	151, 85, 122
RGB Percent	59%, 33%, 48%
CMY	0.4078, 0.6667, 0.5216
CMYK	0.00, 0.44, 0.19, 0.41
HSL	326°, 28%, 46%
HSV	326°, 44%, 59%
XYZ	19.5238, 14.4814, 20.1785
YIQ	108.9520, 27.4590, 25.4990

Conversions

Conversions Part 2

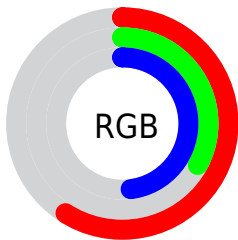
Format	Color
R_{YB}	151, 85, 122
Decimal	9917818
CIE _{Lab}	44.92, 32.45, -9.00
CIE _{LCh}	45, 33.674, 344.498
Yxy	14.4814, 0.3603, 0.2673
Android (android.graphics.Color)	4288107898 (0xFF97557A)
YUV	108.9520, 6.4327, 36.8761
Hunter-Lab	38.0545, 24.9840, -4.8006

Details

The YUV color **108.9520, 6.4327, 36.8761** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.0480, -6.4327, -36.8761**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5610, 6.1324, 39.8500**, and **59.3430, 6.7329, 33.9022** is the 20% darker color. If you saturate the color by 10%, you get **99.3490, 7.7159, 45.2979**, and if you desaturate by 10%, it is **118.5550, 5.1494, 28.4543**.

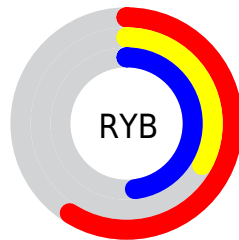
Distribution



Red (59%)

Green (33%)

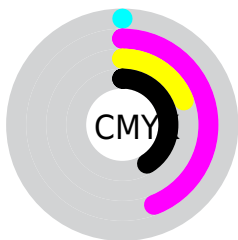
Blue (48%)



Red (59%)

Yellow (33%)

Blue (48%)

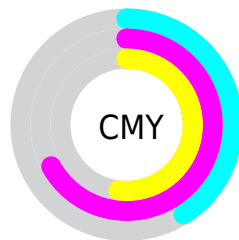


Cyan (0%)

Magenta (44%)

Yellow (19%)

Black (41%)



Cyan (41%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.9520, 6.4327, 36.8761 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 108.9520, 6.4327, 36.8761 by changing the saturation by 10% instead.

108.9520, 6.4327,
36.8761

108.9520, 6.4327,
36.8761

255.0000, 0.0000,
0.0000

83.9410, 6.4381,
35.1317

161.5610, 6.1324,
39.8500

59.3430, 6.7329,
33.9022

188.9740, 6.4218,
40.3648

34.0980, 8.3327,
34.1171

213.9950, 7.8905,
35.9614

18.0710, 5.8810,
27.1247

233.8680, 10.4181,
18.5328

6.6920, -2.8062,
13.4251

250.3040, 2.3151,
4.1184

0.0000, 0.0000,
0.0000

■ 108.9520, 6.4327,
36.8761

■ 108.9520, 6.4327,
36.8761

■ 99.3490, 7.7159,
45.2979

■ 118.5550, 5.1494,
28.4543

■ 89.8600, 9.4360,
53.6198

■ 128.0440, 3.4293,
20.1324

■ 80.2570, 10.7193,
62.0416

■ 137.6470, 2.1460,
11.7106

■ 70.6540, 12.0026,
70.4634

■ 147.2500, 0.8628,
3.2887

■ 60.5780, 14.0120,
79.3001

■ 157.3260, -1.1467,
-5.5479

■ 54.8390, 14.8694,
84.3332

■ 166.9290, -2.4300,
-13.9697

■ 176.4180, -4.1501,
-22.2916

■ 186.0210, -5.4334,

-30.7134

 195.6240, -6.7166,
-39.1352

Harmonies

Analogous

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



109.4960, 17.9965, 14.4740



108.9520, 6.4327, 36.8761



107.2770, -6.5456, 46.2381

Triad

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



108.9520, 6.4327, 36.8761



102.5730, -25.9185, 6.5135



86.3830, 28.8982, -75.7579

Complementary

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



108.9520, 6.4327, 36.8761



127.0480, -6.4327, -36.8761

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.



84.5930, 16.9627, -74.1881



108.9520, 6.4327, 36.8761



99.1230, -16.8226, -17.6479

Square

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



108.9520, 6.4327, 36.8761



105.2920, -26.2730, 26.9309



91.4640, -0.7218, -48.6419



87.2620, 35.8598, -68.6358

Rectangle

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



108.9520, 6.4327, 36.8761



106.6760, -15.1233, 44.1341



91.4640, -0.7218, -48.6419



86.0580, 25.1144, -75.4729

Sweetspot

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



108.9520, 6.4327, 36.8761



180.0710, 2.4300, 13.9697



101.1950, 24.5539, 11.2300



89.3970, 1.2833, 8.4218



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.



108.9520, 6.4327, 36.8761



130.9960, 9.8620, 57.0085



105.1900, -7.9817, 40.1754



71.8480, 0.5679, 4.5183



50.8660, 13.8701, 78.1705



4.6850, 1.1413, 7.2923

Inverse Universe

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



108.9520, 6.4327, 36.8761



130.9960, 9.8620, 57.0085



130.8100, 7.9817, -40.1754



71.8480, 0.5679, 4.5183



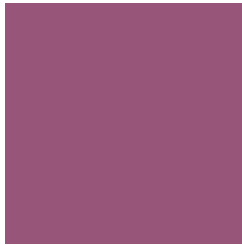
50.8660, 13.8701, 78.1705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 108.9520, 6.4327, 36.8761 looks on a white background.

Color Contrast Check

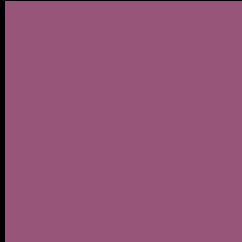
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.9520, 6.4327, 36.8761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

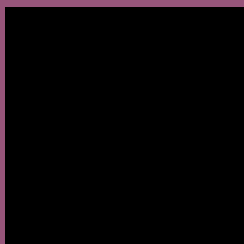
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.9520, 6.4327, 36.8761

Background



This preview shows how black text looks on a background with the YUV color 108.9520, 6.4327, 36.8761.



This preview shows how white text looks on a background with the YUV color 108.9520, 6.4327,

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

108.9520, 6.4327, 36.8761

Protanopia

107.3270, 14.1358, -7.3028

Deuteranopia

108.1020, 5.3727, 3.4185



Tritanopia

108.1400, -5.4920, 34.9572

Trichromacy



Original Color

108.9520, 6.4327, 36.8761

Protanomaly

107.7420, 11.4662, 8.9963

Deuteranomaly

108.2930, 5.7716, 15.5290

Tritanomaly

108.2910, -1.1295, 35.7018

Monochromacy



Original Color

108.9520, 6.4327, 36.8761

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.7720, 2.5774, 13.3550

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9520, 6.4327, 36.8761 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(151, 85, 122)` looks like.

```
.text, #text, p{  
    color:rgb(151, 85, 122)  
}
```

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(151, 85, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 85, 122) }
```

Border

The CSS property to change the border of an element to YUV 108.9520, 6.4327, 36.8761 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(151, 85, 122) }
```


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

```
.border{ border-color:rgb(151, 85, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 85, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 85, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 85, 122);  
box-shadow:4px 4px 4px 4px rgb(151, 85,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 108.9520, 6.4327, 36.8761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 85, 122) }
```

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

```
.background{ background-color: rgb(151, 85,  
122) }
```

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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