

Converting Colors

YUV(109.8920, 20.7592,
15.0037)

Have a look what the booklet for
YUV(109.8920, 20.7592, 15.0037)
contains.

YUV(109.8920, 20.7592, 15.0037)	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(109.8920, 20.7592,
15.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5D98
RGB	127, 93, 152
RGB Percent	50%, 36%, 60%
CMY	0.5020, 0.6353, 0.4039
CMYK	0.16, 0.39, 0.00, 0.40
HSL	275°, 24%, 48%
HSV	275°, 39%, 60%
XYZ	18.3342, 14.6077, 31.5590
YIQ	109.8920, 1.3250, 25.5570

Conversions

Conversions Part 2

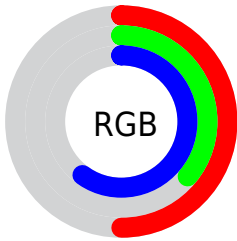
Format	Color
R_{YB}	127, 93, 152
Decimal	8347032
CIE _{Lab}	45.09, 25.57, -27.03
CIE _{LCh}	45, 37.206, 313.413
Yxy	14.6077, 0.2842, 0.2265
Android (android.graphics.Color)	4286537112 (0xFF7F5D98)
YUV	109.8920, 20.7592, 15.0037
Hunter-Lab	38.2201, 18.7417, -22.2028

Details

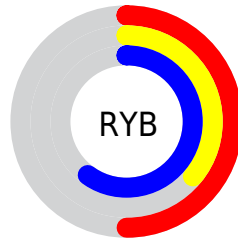
The YUV color **109.8920, 20.7592, 15.0037** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.1080, -20.7592, -15.0037**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2450, 22.0642, 16.4481**, and **61.2400, 19.6017, 12.9445** is the 20% darker color. If you saturate the color by 10%, you get **99.2930, 25.9846, 19.0370**, and if you desaturate by 10%, it is **120.4910, 15.5339, 10.9704**.

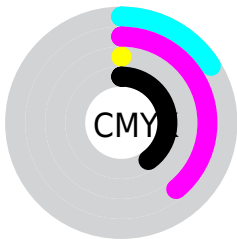
Distribution



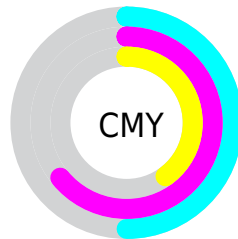
- Red (50%)
- Green (36%)
- Blue (60%)



- Red (50%)
- Yellow (36%)
- Blue (60%)



- Cyan (16%)
- Magenta (39%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.8920, 20.7592, 15.0037 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 109.8920, 20.7592, 15.0037 by changing the saturation by 10% instead.

■ 109.8920, 20.7592,
15.0037

■ 109.8920, 20.7592,
15.0037

255.0000, 0.0000,
0.0000

■ 85.0660, 20.1805,
13.9741

■ 162.2450, 22.0642,
16.4481

■ 61.2400, 19.6017,
12.9445

■ 189.6580, 22.3536,
16.9629

■ 38.5990, 18.4387,
12.6297

■ 216.1590, 19.1486,
18.2776

■ 15.5990, 18.4387,
12.6297

■ 237.9770, 8.3923,
14.9292

■ 3.6480, 13.9775,
-3.1993

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 109.8920, 20.7592,
15.0037

■ 109.8920, 20.7592,
15.0037

■ 99.2930, 25.9846,
19.0370

■ 120.4910, 15.5339,
10.9704

■ 88.3950, 31.3573,
22.4556

■ 131.3890, 10.1612,
7.5518

■ 77.2090, 36.8720,
27.0037

■ 142.5750, 4.6465,
3.0037

■ 66.3110, 42.2447,
30.4223

■ 153.4730, -0.7262,
-0.4148

■ 55.7120, 47.4700,
34.4556

■ 164.0720, -5.9515,
-4.4481

■ 44.8140, 52.8427,
37.8741

■ 174.9700,
-11.3242, -7.8667

■ 43.6400, 53.4215,
38.9037

■ 185.5690,
-16.5495, -11.9000

■ 197.0540,
-22.2116, -15.8334

■ 207.6530,
-27.4369, -19.8667

Harmonies

Analogous

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



104.2940, 30.9141, -22.1828



109.8920, 20.7592, 15.0037



109.3160, 7.7322, 40.0649

Triad

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



109.8920, 20.7592, 15.0037



104.9180, -29.0466, 29.8899



85.2940, 17.1101, -74.8028

Complementary

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



109.8920, 20.7592, 15.0037



135.1080, -20.7592, -15.0037

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.



87.9360, 0.0316, -56.9489



109.8920, 20.7592, 15.0037



102.1880, -28.6867, 7.7281

Square

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



109.8920, 20.7592, 15.0037



106.3080, -20.3648, 45.3339



98.5420, -19.0012, -18.8923



87.4260, 30.3560, -76.6726

Rectangle

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



109.8920, 20.7592, 15.0037



107.8520, -1.8990, 49.2418



98.5420, -19.0012, -18.8923



84.0400, 12.3053, -73.7031

Sweetspot

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



109.8920, 20.7592, 15.0037



179.5090, 8.1301, 5.6926



114.9880, 18.2469, -19.2835



89.8740, 4.4991, 3.6185



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.



109.8920, 20.7592, 15.0037



130.3350, 32.3728, 23.3852



116.9110, 15.3269, 30.7731



71.1080, 2.9048, 1.6593



40.1790, 49.2118, 35.8000



3.5750, 4.6465, 3.0037

Inverse Universe

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



113.4910, 2.2229, 33.7724



135.9540, 3.4737, 52.6603



128.0890, -15.3269, -30.7731



71.7340, 0.1311, 4.6183



48.5860, 5.1341, 80.1701



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 109.8920, 20.7592, 15.0037 looks on a white background.

Color Contrast Check

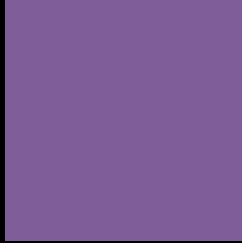
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.8920, 20.7592, 15.0037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

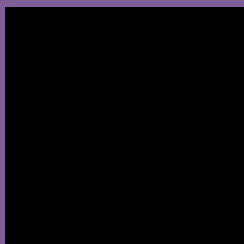
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.8920, 20.7592, 15.0037

Background



This preview shows how black text looks on a background with the YUV color 109.8920, 20.7592, 15.0037.



This preview shows how white text looks on a background with the YUV color 109.8920, 20.7592,

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

109.8920, 20.7592, 15.0037

Protanopia

106.1160, 27.5508, -16.7647

Deuteranopia

106.7160, 20.8460, -12.9059



Tritanopia

108.2940, 0.8411, 10.2662

Trichromacy



Original Color

109.8920, 20.7592, 15.0037

Protanomaly

107.7970, 24.7501, -5.0840

Deuteranomaly

107.7820, 20.8135, -2.4398

Tritanomaly

109.1400, 7.8190, 12.1552

Monochromacy



Original Color

109.8920, 20.7592, 15.0037

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9820, 7.4039, 5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8920, 20.7592, 15.0037 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(127, 93, 152)` looks like.

```
.text, #text, p{  
    color:rgb(127, 93, 152)  
}
```

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(127, 93, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 93, 152) }
```

Border

The CSS property to change the border of an element to YUV 109.8920, 20.7592, 15.0037 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(127, 93, 152) }
```


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

```
.border{ border-color:rgb(127, 93, 152) }
```

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

Here you see how a box with a 4 pixel rgb(127, 93, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 93, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 93, 152);  
box-shadow:4px 4px 4px 4px rgb(127, 93,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 109.8920, 20.7592, 15.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 93, 152) }
```

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

```
.background{ background-color: rgb(127, 93,  
152) }
```

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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