

Converting Colors

YUV(109.5270, 20.9392, 3.9228)

Have a look what the booklet for
YUV(109.5270, 20.9392, 3.9228)
contains.

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Color

**YUV(109.5270, 20.9392,
3.9228)**

Conversions

Conversions Part 1

Format	Color
Hex	726398
RGB	114, 99, 152
RGB Percent	45%, 39%, 60%
CMY	0.5529, 0.6118, 0.4039
CMYK	0.25, 0.35, 0.00, 0.40
HSL	257°, 21%, 49%
HSV	257°, 35%, 60%
XYZ	17.0688, 14.7681, 31.6567
YIQ	109.5270, -8.0730, 19.6630

Conversions

Conversions Part 2

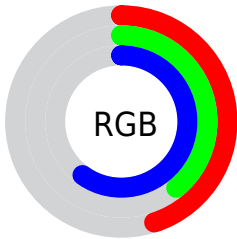
Format	Color
R_{YB}	114, 99, 152
Decimal	7496600
CIE Lab	45.31, 17.80, -26.78
CIE LCh	45, 32.158, 303.618
Yxy	14.7681, 0.2688, 0.2326
Android (android.graphics.Color)	4285686680 (0xFF726398)
YUV	109.5270, 20.9392, 3.9228
Hunter-Lab	38.4293, 12.0314, -21.9405

Details

The YUV color **109.5270, 20.9392, 3.9228** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.4730, -20.9392, -3.9228**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5810, 22.3916, 4.7525**, and **61.1740, 19.6342, 2.4784** is the 20% darker color. If you saturate the color by 10%, you get **97.4330, 26.9015, 4.8823**, and if you desaturate by 10%, it is **121.6210, 14.9768, 2.9634**.

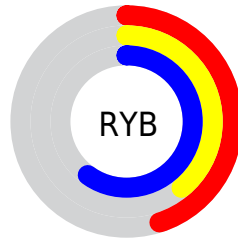
Distribution



Red (45%)

Green (39%)

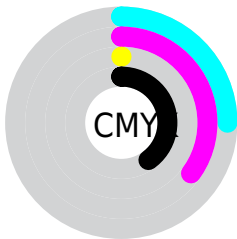
Blue (60%)



Red (45%)

Yellow (39%)

Blue (60%)

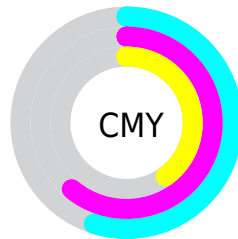


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (61%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.5270, 20.9392, 3.9228 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 109.5270, 20.9392, 3.9228 by changing the saturation by 10% instead.

■ 109.5270, 20.9392,
3.9228

■ 109.5270, 20.9392,
3.9228

255.0000, 0.0000,
0.0000

■ 85.0000, 20.2130,
3.5080

■ 161.5810, 22.3916,
4.7525

■ 61.1740, 19.6342,
2.4784

■ 188.6950, 22.8284,
4.6525

■ 39.2340, 18.6186,
1.5488

■ 215.4950, 19.4760,
6.5819

■ 16.8210, 18.3292,
1.0340

■ 240.3030, 7.2456,
9.3813

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 109.5270, 20.9392,
3.9228

■ 109.5270, 20.9392,
3.9228

■ 97.4330, 26.9015,
4.8823

■ 121.6210, 14.9768,
2.9634

■ 85.3390, 32.8639,
5.8417

■ 133.7150, 9.0145,
2.0039

■ 72.6580, 39.1156,
7.3159

■ 146.3960, 2.7628,
0.5297

■ 60.5640, 45.0779,
8.2754

■ 158.4900, -3.1996,
-0.4297

■ 48.7690, 50.8929,
9.8496

■ 170.2850, -9.0145,
-2.0039

■ 36.6750, 56.8552,
10.8090

■ 182.3790,
-14.9768, -2.9634

■ 30.1850, 60.0548,
11.2388

■ 194.4730,
-20.9392, -3.9228

■ 207.1540,
-27.1909, -5.3971

■ 219.2480,
-33.1533, -6.3565

Harmonies

Analogous

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



103.2670, 28.4624, -29.1752



109.5270, 20.9392, 3.9228



110.6350, 10.5329, 28.3841

Triad

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



109.5270, 20.9392, 3.9228



106.5360, -22.9422, 31.9789



83.5670, 13.0315, -73.2883

Complementary

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



109.5270, 20.9392, 3.9228



141.4730, -20.9392, -3.9228

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.



96.5430, -7.1697, -33.8022



109.5270, 20.9392, 3.9228



104.9160, -26.0876, 14.1057

Square

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



109.5270, 20.9392, 3.9228



107.8930, -14.2442, 42.1898



101.6790, -20.0547, -7.6115



85.9440, 24.6776, -75.3729

Rectangle

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



109.5270, 20.9392, 3.9228



109.5240, 2.2067, 39.0055



101.6790, -20.0547, -7.6115



89.9020, 4.9783, -56.9191

Sweetspot

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



109.5270, 20.9392, 3.9228



180.6610, 7.5621, 1.1743



127.9350, 11.8640, -25.3760



90.1510, 4.3626, 0.7446



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.



109.5270, 20.9392, 3.9228



130.2250, 32.4271, 5.9417



117.3010, 17.1066, 19.9070



70.5100, 3.1996, 0.4297



27.9200, 55.2554, 10.5942



2.6780, 5.0887, 1.1594

Inverse Universe

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



119.1790, 8.7858, 28.7840



145.2440, 13.6837, 44.5130



133.6990, -17.1066, -19.9070



71.9620, 1.0047, 4.4183



53.3740, 23.4796, 75.9710



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 109.5270, 20.9392, 3.9228 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 109.5270, 20.9392, 3.9228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

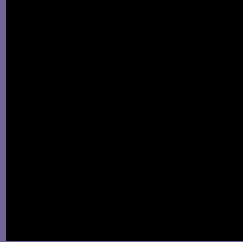
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.5270, 20.9392, 3.9228

Background



This preview shows how black text looks on a background with the YUV color 109.5270, 20.9392, 3.9228.



This preview shows how white text looks on a background with the YUV color 109.5270, 20.9392, 3.9228.

3.9228.

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

109.5270, 20.9392, 3.9228

Protanopia

107.0300, 24.6352, -14.9353

Deuteranopia

106.9440, 21.7196, -13.1059



Tritanopia

107.9120, 3.4944, -0.7998

Trichromacy



Original Color

109.5270, 20.9392, 3.9228

Protanomaly

107.7320, 23.3031, -7.6580

Deuteranomaly

107.5750, 21.4085, -6.6433

Tritanomaly

108.5300, 9.5987, 1.2892

Monochromacy



Original Color

109.5270, 20.9392, 3.9228

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6610, 7.5621, 1.1743

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.5270, 20.9392, 3.9228 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(114, 99, 152)` looks like.

```
.text, #text, p{  
    color:rgb(114, 99, 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(114, 99, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 99, 152) }
```

Border

The CSS property to change the border of an element to YUV 109.5270, 20.9392, 3.9228 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(114, 99, 152) }
```


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

```
.border{ border-color:rgb(114, 99, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 99, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 99, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 99, 152);  
box-shadow:4px 4px 4px 4px rgb(114, 99,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 109.5270, 20.9392, 3.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 99, 152) }
```

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

```
.background{ background-color: rgb(114, 99,  
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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