

Converting Colors

YUV(112.3920, 19.0337, 8.4262)

Have a look what the booklet for
YUV(112.3920, 19.0337, 8.4262)
contains.

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Color

**YUV(112.3920, 19.0337,
8.4262)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6497
RGB	122, 100, 151
RGB Percent	48%, 39%, 59%
CMY	0.5216, 0.6078, 0.4078
CMYK	0.19, 0.34, 0.00, 0.41
HSL	266°, 20%, 49%
HSV	266°, 34%, 59%
XYZ	18.1691, 15.4863, 31.3097
YIQ	112.3920, -3.2590, 20.5250

Conversions

Conversions Part 2

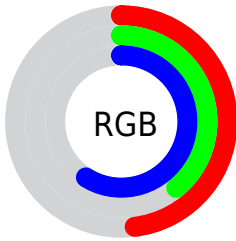
Format	Color
R_{YB}	122, 100, 151
Decimal	8021143
CIE _{Lab}	46.29, 19.52, -24.61
CIE _{LCh}	46, 31.411, 308.429
Yxy	15.4863, 0.2797, 0.2384
Android (android.graphics.Color)	4286211223 (0xFF7A6497)
YUV	112.3920, 19.0337, 8.4262
Hunter-Lab	39.3526, 13.5465, -19.6254

Details

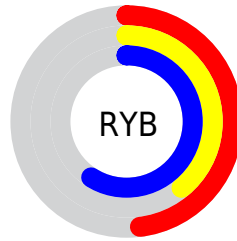
The YUV color **112.3920, 19.0337, 8.4262** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.6080, -19.0337, -8.4262**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3320, 20.0493, 9.3558**, and **64.0390, 17.7288, 6.9818** is the 20% darker color. If you saturate the color by 10%, you get **100.8960, 24.7013, 10.6152**, and if you desaturate by 10%, it is **123.8880, 13.3662, 6.2372**.

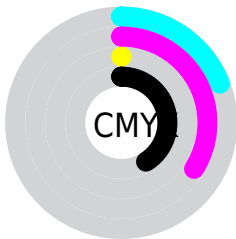
Distribution



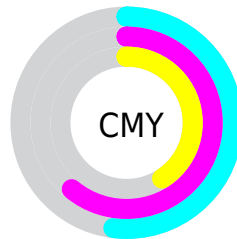
- Red (48%)
- Green (39%)
- Blue (59%)



- Red (48%)
- Yellow (39%)
- Blue (59%)



- Cyan (19%)
- Magenta (34%)
- Yellow (0%)
- Black (41%)



- Cyan (52%)
- Magenta (61%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3920, 19.0337, 8.4262 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 112.3920, 19.0337, 8.4262 by changing the saturation by 10% instead.

■ 112.3920, 19.0337,
8.4262

■ 112.3920, 19.0337,
8.4262

■ 255.0000, 0.0000,
0.0000

■ 87.8650, 18.3076,
8.0114

■ 164.3320, 20.0493,
9.3558

■ 64.0390, 17.7288,
6.9818

■ 191.8590, 20.7755,
9.7707

■ 41.5120, 17.0026,
6.5670

■ 218.4740, 18.0073,
10.9853

■ 19.6860, 16.4238,
5.5374

■ 242.6730, 6.0772,
10.8108

■ 3.5340, 13.5407,
-3.0993

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 112.3920, 19.0337,
8.4262

■ 112.3920, 19.0337,
8.4262

■ 100.8960, 24.7013,
10.6152

■ 123.8880, 13.3662,
6.2372

■ 89.6990, 30.2214,
13.4190

■ 135.0850, 7.8461,
3.4335

■ 78.2030, 35.8889,
15.6080

■ 146.5810, 2.1786,
1.2445

■ 67.0060, 41.4090,
18.4117

■ 157.7780, -3.3416,
-1.5593

■ 54.9230, 47.3660,
21.1155

■ 169.8610, -9.2985,
-4.2631

■ 43.4270, 53.0335,
23.3045

■ 181.3570,
-14.9660, -6.4521

■ 36.6490, 56.3750,
24.8638

■ 192.5540,
-20.4861, -9.2559

■ 204.0500,
-26.1537, -11.4449

■ 215.2470,
-31.6738, -14.2486

Harmonies

Analogous

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



107.5560, 26.8409, -22.4126



112.3920, 19.0337, 8.4262



112.4890, 8.6329, 31.1431

Triad

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



112.3920, 19.0337, 8.4262



108.6990, -23.5156, 29.2050



86.0120, 14.7841, -75.4325

Complementary

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



112.3920, 19.0337, 8.4262



138.6080, -19.0337, -8.4262

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.



98.5040, -4.6855, -37.2760



112.3920, 19.0337, 8.4262



107.1220, -25.2031, 10.4170

Square

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



112.3920, 19.0337, 8.4262



110.4260, -15.9860, 40.8454



104.1130, -18.2967, -11.5001



87.8020, 26.7196, -77.0024

Rectangle

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



112.3920, 19.0337, 8.4262



112.2530, -0.1247, 40.1201



104.1130, -18.2967, -11.5001



91.2760, 7.7519, -59.8781

Sweetspot

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



112.3920, 19.0337, 8.4262



181.5580, 7.1199, 3.0186



123.4240, 13.5950, -20.5428



90.7490, 4.0677, 1.9741



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.



112.3920, 19.0337, 8.4262



135.5850, 29.7846, 13.5190



119.8670, 15.3486, 23.7956



70.8090, 3.0522, 1.0445



33.9000, 52.3073, 22.8897



2.9770, 4.9413, 1.7742

Inverse Universe

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



118.5550, 5.1494, 28.4543



145.1640, 8.3001, 44.5832



131.1330, -15.3486, -23.7956



71.8480, 0.5679, 4.5183



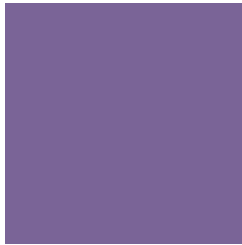
50.9800, 14.3069, 78.0705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 112.3920, 19.0337, 8.4262 looks on a white background.

Color Contrast Check

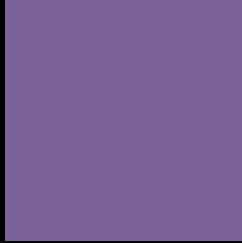
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3920, 19.0337, 8.4262 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 112.3920, 19.0337, 8.4262

Background



This preview shows how black text looks on a background with the YUV color 112.3920, 19.0337, 8.4262.



This preview shows how white text looks on a background with the YUV color 112.3920, 19.0337,

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

112.3920, 19.0337, 8.4262

Protanopia

109.4000, 23.4668, -13.5058

Deuteranopia

109.6840, 19.3828, -10.2469



Tritanopia

110.7170, 2.6045, 4.6332

Trichromacy



Original Color

112.3920, 19.0337, 8.4262

Protanomaly

110.4010, 21.9873, -5.6137

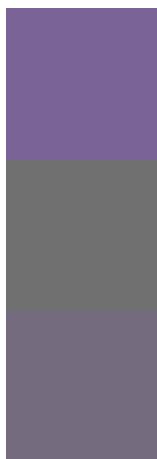
Deuteranomaly

110.7280, 19.3611, -3.2695

Tritanomaly

111.0360, 8.8563, 6.1074

Monochromacy



Original Color

112.3920, 19.0337, 8.4262

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.4440, 6.6831, 3.1186

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3920, 19.0337, 8.4262 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(122, 100, 151)` looks like.

```
.text, #text, p{  
    color:rgb(122, 100, 151)  
}
```

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(122, 100, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 100, 151) }
```

Border

The CSS property to change the border of an element to YUV 112.3920, 19.0337, 8.4262 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(122, 100, 151) }
```


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

```
.border{ border-color:rgb(122, 100, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 100, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 100, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 100, 151);  
box-shadow:4px 4px 4px 4px rgb(122, 100,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 112.3920, 19.0337, 8.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 100, 151) }
```

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

```
.background{ background-color: rgb(122,  
100, 151) }
```

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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