

Converting Colors

YUV(111.2330, 13.6891,
42.7687)

Have a look what the booklet for
YUV(111.2330, 13.6891, 42.7687)
contains.

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Color

**YUV(111.2330, 13.6891,
42.7687)**

Conversions

Conversions Part 1

Format	Color
Hex	A0518B
RGB	160, 81, 139
RGB Percent	63%, 32%, 55%
CMY	0.3725, 0.6824, 0.4549
CMYK	0.00, 0.49, 0.13, 0.37
HSL	316°, 33%, 47%
HSV	316°, 49%, 63%
XYZ	22.0998, 15.2225, 26.1995
YIQ	111.2330, 28.4660, 34.7860

Conversions

Conversions Part 2

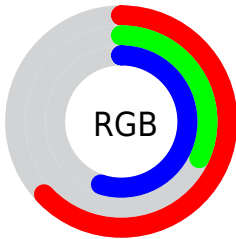
Format	Color
R_{YB}	160, 81, 139
Decimal	10506635
CIE _{Lab}	45.94, 40.49, -17.61
CIE _{LCh}	46, 44.150, 336.496
Yxy	15.2225, 0.3479, 0.2396
Android (android.graphics.Color)	4288696715 (0xFFA0518B)
YUV	111.2330, 13.6891, 42.7687
Hunter-Lab	39.0161, 32.8295, -12.5024

Details

The YUV color **111.2330, 13.6891, 42.7687** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.7670, -13.6891, -42.7687**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6570, 13.9731, 45.0278**, and **59.4500, 14.5681, 40.8243** is the 20% darker color. If you saturate the color by 10%, you get **101.3850, 16.5722, 51.4054**, and if you desaturate by 10%, it is **121.0810, 10.8061, 34.1320**.

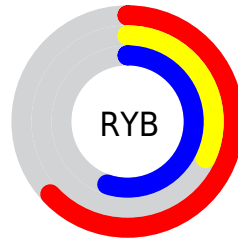
Distribution



Red (63%)

Green (32%)

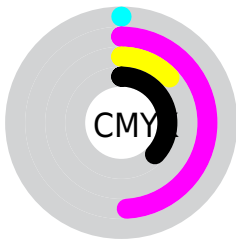
Blue (55%)



Red (63%)

Yellow (32%)

Blue (55%)

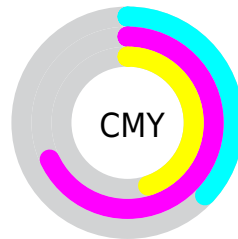


Cyan (0%)

Magenta (49%)

Yellow (13%)

Black (37%)



Cyan (37%)

Magenta (68%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.2330, 13.6891, 42.7687 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 111.2330, 13.6891, 42.7687 by changing the saturation by 10% instead.

■ 111.2330, 13.6891,
42.7687

■ 111.2330, 13.6891,
42.7687

■ 255.0000, 0.0000,
0.0000

■ 85.5210, 13.5471,
41.6391

■ 164.6570, 13.9731,
45.0278

■ 59.4500, 14.5681,
40.8243

■ 192.3690, 14.1151,
46.1574

■ 31.3300, 16.5993,
42.6836

■ 214.4000, 17.0578,
35.6062

■ 21.6460, 10.5275,
30.1285

■ 232.1070, 11.2862,
20.0772

■ 12.0760, 4.8925,
17.4733

■ 249.1300, 2.8939,
5.1480

■ 0.0000, 0.0000,
0.0000

■ 111.2330, 13.6891,
42.7687

■ 111.2330, 13.6891,
42.7687

■ 101.3850, 16.5722,
51.4054

■ 121.0810, 10.8061,
34.1320

■ 91.4230, 19.0185,
60.1420

■ 131.0430, 8.3598,
25.3953

■ 81.5750, 21.9015,
68.7787

■ 140.8910, 5.4767,
16.7586

■ 71.7270, 24.7846,
77.4154

■ 150.7390, 2.5937,
8.1219

■ 61.8790, 27.6677,
86.0521

■ 160.5870, -0.2894,
-0.5148


■ 61.1780, 27.5202,
86.6669

■ 170.5490, -2.7357,
-9.2515

■ 180.3970, -5.6187,
-17.8882

■ 190.2450, -8.5018,

-26.5249

 200.0930,
-11.3848, -35.1616

Harmonies

Analogous

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



111.6830, 27.7643, 8.1710



111.2330, 13.6891, 42.7687



108.2770, -3.0946, 59.3931

Triad

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



111.2330, 13.6891, 42.7687



104.0550, -37.0021, 14.8608



91.2900, 29.9300, -80.0613

Complementary

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



111.2330, 13.6891, 42.7687



129.7670, -13.6891, -42.7687

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.



87.7730, 13.9159, -76.9769



111.2330, 13.6891, 42.7687



99.6150, -26.4322, -15.4484

Square

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



111.2330, 13.6891, 42.7687



106.2460, -33.1523, 40.1263



86.1540, -4.0199, -64.1561



90.5040, 42.1495, -79.3720

Rectangle

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



111.2330, 13.6891, 42.7687



107.0030, -14.2985, 59.6334



86.1540, -4.0199, -64.1561



90.0360, 25.1253, -78.9616

Sweetspot

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



111.2330, 13.6891, 42.7687



189.8910, 5.4767, 16.7586



95.9860, 31.5589, 4.3973



93.2770, 3.3144, 10.2811



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



111.2330, 13.6891, 42.7687



133.0370, 21.1808, 66.6196



106.9010, -2.9092, 46.5678



74.0760, 1.4415, 4.3183



54.7270, 24.7846, 77.4154



5.7390, 2.5937, 8.1219

Inverse Universe

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



111.2330, 13.6891, 42.7687



133.0370, 21.1808, 66.6196



134.0990, 2.9092, -46.5678



74.0760, 1.4415, 4.3183



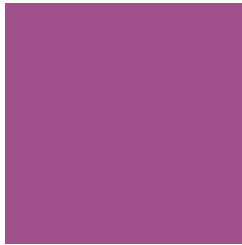
54.7270, 24.7846, 77.4154



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 111.2330, 13.6891, 42.7687 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 111.2330, 13.6891, 42.7687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

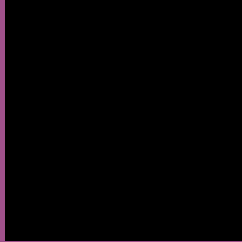
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.2330, 13.6891, 42.7687

Background



This preview shows how black text looks on a background with the YUV color 111.2330, 13.6891, 42.7687.



This preview shows how white text looks on a background with the YUV color 111.2330, 13.6891,

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

111.2330, 13.6891, 42.7687

Protanopia

109.3290, 24.4878, -14.3205

Deuteranopia

110.1920, 12.2303, -2.7994



Tritanopia

110.2330, -6.5239, 39.2607

Trichromacy



Original Color

111.2330, 13.6891, 42.7687

Protanomaly

109.8370, 20.7864, 6.2820

Deuteranomaly

110.7040, 12.4709, 13.4146

Tritanomaly

110.7800, 0.6015, 40.5349

Monochromacy



Original Color

111.2330, 13.6891, 42.7687

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0650, 4.8980, 15.7290

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2330, 13.6891, 42.7687 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(160, 81, 139)` looks like.

```
.text, #text, p{  
    color:rgb(160, 81, 139)  
}
```

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(160, 81, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 81, 139) }
```

Border

The CSS property to change the border of an element to YUV 111.2330, 13.6891, 42.7687 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(160, 81, 139) }
```


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

```
.border{ border-color:rgb(160, 81, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 81, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 81, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 81, 139);  
box-shadow:4px 4px 4px 4px rgb(160, 81,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 111.2330, 13.6891, 42.7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 81, 139) }
```

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

```
.background{ background-color: rgb(160, 81,  
139) }
```

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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