

Converting Colors

YUV(111.2950, 6.2636, 44.4683)

Have a look what the booklet for
YUV(111.2950, 6.2636, 44.4683)
contains.

YUV(111.2950, 6.2636, 44.4683)	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(111.2950, 6.2636,
44.4683)**

Conversions

Conversions Part 1

Format	Color
Hex	A2537C
RGB	162, 83, 124
RGB Percent	64%, 33%, 49%
CMY	0.3647, 0.6745, 0.5137
CMYK	0.00, 0.49, 0.23, 0.36
HSL	329°, 32%, 48%
HSV	329°, 49%, 64%
XYZ	21.6316, 15.3231, 20.8863
YIQ	111.2950, 33.9230, 29.4990

Conversions

Conversions Part 2

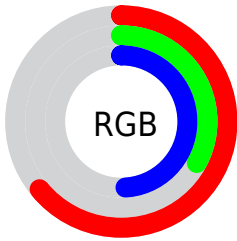
Format	Color
R_{YB}	162, 83, 124
Decimal	10638204
CIE Lab	46.07, 37.71, -8.32
CIE LCh	46, 38.620, 347.558
Yxy	15.3231, 0.3740, 0.2649
Android (android.graphics.Color)	4288828284 (0xFFA2537C)
YUV	111.2950, 6.2636, 44.4683
Hunter-Lab	39.1448, 30.1368, -4.2338

Details

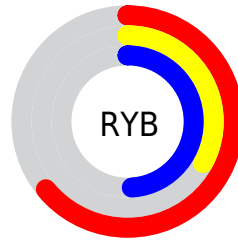
The YUV color **111.2950, 6.2636, 44.4683** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **133.7050, -6.2636, -44.4683**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9040, 5.9633, 47.4422**, and **60.2130, 7.2900, 41.9092** is the 20% darker color. If you saturate the color by 10%, you get **100.9910, 7.3994, 53.5049**, and if you desaturate by 10%, it is **121.5990, 5.1277, 35.4317**.

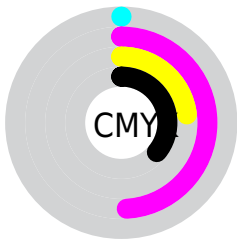
Distribution



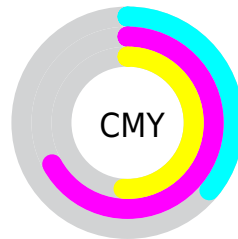
- Red (64%)
- Green (33%)
- Blue (49%)



- Red (64%)
- Yellow (33%)
- Blue (49%)



- Cyan (0%)
- Magenta (49%)
- Yellow (23%)
- Black (36%)



- Cyan (36%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.2950, 6.2636, 44.4683 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 111.2950, 6.2636, 44.4683 by changing the saturation by 10% instead.


 111.2950, 6.2636,
44.4683

 111.2950, 6.2636,
44.4683


255.0000, 0.0000,
0.0000


 85.6970, 6.5584,
43.2387

 164.9040, 5.9633,
47.4422


 60.2130, 7.2900,
41.9092


 192.5020, 5.6685,
48.6717


 32.3210, 10.1947,
43.5685

 213.6360, 9.0535,
36.2762

 20.5770, 5.1385,
31.9430

 232.6940, 10.9969,
19.5624

 10.7360, -2.8278,
20.4025

 249.7170, 2.6045,
4.6332

 0.0000, 0.0000,
0.0000

111.2950, 6.2636,
44.4683

111.2950, 6.2636,
44.4683

100.9910, 7.3994,
53.5049

121.5990, 5.1277,
35.4317

90.6870, 8.5353,
62.5415

131.9030, 3.9918,
26.3951

79.9100, 10.3974,
71.9929

142.6800, 2.1298,
16.9436

69.6060, 11.5332,
81.0295

152.9840, 0.9939,
7.9070

59.3020, 12.6691,
90.0661

163.2880, -0.1420,
-1.1296

58.0140, 12.8111,
91.1957

173.5920, -1.2779,
-10.1662

183.8960, -2.4137,
-19.2028

194.6730, -4.2758,

-28.6542

■ 204.9770, -5.4117,
-37.6908

Harmonies

Analogous

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



112.3980, 20.0168, 19.8220



111.2950, 6.2636, 44.4683



109.3380, -9.0406, 53.2006

Triad

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



111.2950, 6.2636, 44.4683



103.9380, -29.5494, 4.4394



89.9850, 32.5454, -78.9168

Complementary

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



111.2950, 6.2636, 44.4683



133.7050, -6.2636, -44.4683

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.



87.9670, 19.7363, -77.1471



111.2950, 6.2636, 44.4683



99.8510, -17.6745, -24.4253

Square

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



111.2950, 6.2636, 44.4683



107.0380, -31.0777, 28.0307



84.0910, 4.8851, -73.7478



87.7000, 41.5599, -76.9129

Rectangle

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



111.2950, 6.2636, 44.4683



108.4980, -18.4865, 49.5523



84.0910, 4.8851, -73.7478



89.6600, 28.7616, -78.6318

Sweetspot

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



111.2950, 6.2636, 44.4683



191.3920, 2.2717, 18.0732



103.0690, 29.0530, 14.8485



94.8210, 1.5672, 10.6810



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



111.2950, 6.2636, 44.4683



131.7850, 9.9660, 70.3486



106.9630, -10.3348, 48.2674



76.2610, 0.8573, 5.0331



51.9050, 11.3858, 81.6443



6.4080, 1.2779, 10.1662

Inverse Universe

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



111.2950, 6.2636, 44.4683



131.7850, 9.9660, 70.3486



138.0370, 10.3348, -48.2674



76.2610, 0.8573, 5.0331



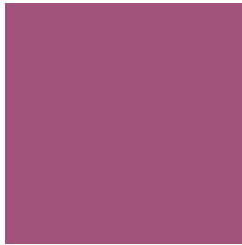
51.9050, 11.3858, 81.6443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 111.2950, 6.2636, 44.4683 looks on a white background.

Color Contrast Check

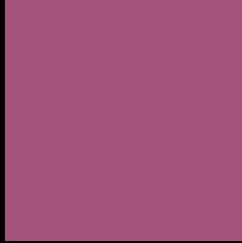
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.2950, 6.2636, 44.4683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

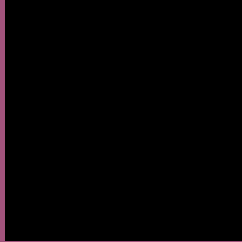
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.2950, 6.2636, 44.4683

Background



This preview shows how black text looks on a background with the YUV color 111.2950, 6.2636, 44.4683.



This preview shows how white text looks on a background with the YUV color 111.2950, 6.2636,

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

111.2950, 6.2636, 44.4683

Protanopia

109.6690, 15.4462, -7.6027

Deuteranopia

111.1730, 4.3517, 4.2333



Tritanopia

110.6140, -7.6977, 42.4345

Trichromacy



Original Color

111.2950, 6.2636, 44.4683

Protanomaly

110.2800, 12.1870, 11.1554

Deuteranomaly

111.0870, 4.8871, 19.2177

Tritanomaly

110.9930, -2.4615, 42.9791

Monochromacy



Original Color

111.2950, 6.2636, 44.4683

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.3810, 2.2772, 16.3289

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2950, 6.2636, 44.4683 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(162, 83, 124)` looks like.

```
.text, #text, p{  
    color:rgb(162, 83, 124)  
}
```

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(162, 83, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 83, 124) }
```

Border

The CSS property to change the border of an element to YUV 111.2950, 6.2636, 44.4683 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(162, 83, 124) }
```


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

```
.border{ border-color:rgb(162, 83, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 83, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 83, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 83, 124);  
box-shadow:4px 4px 4px 4px rgb(162, 83,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 111.2950, 6.2636, 44.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 83, 124) }
```

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

```
.background{ background-color: rgb(162, 83,  
124) }
```

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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