

Converting Colors

YUV(113.2260, 4.3256, 59.4378)

Have a look what the booklet for
YUV(113.2260, 4.3256, 59.4378)
contains.

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Color

**YUV(113.2260, 4.3256,
59.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	B54D7A
RGB	181, 77, 122
RGB Percent	71%, 30%, 48%
CMY	0.2902, 0.6980, 0.5216
CMYK	0.00, 0.57, 0.33, 0.29
HSL	334°, 41%, 51%
HSV	334°, 57%, 71%
XYZ	25.2228, 16.5367, 20.2749
YIQ	113.2260, 47.5390, 36.0430

Conversions

Conversions Part 2

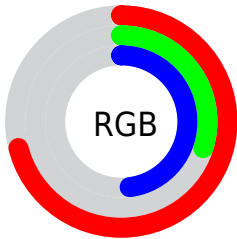
Format	Color
R_{YB}	181, 77, 122
Decimal	11881850
CIE Lab	47.67, 46.86, -4.43
CIE LCh	48, 47.074, 354.599
Yxy	16.5367, 0.4066, 0.2666
Android (android.graphics.Color)	4290071930 (0xFFB54D7A)
YUV	113.2260, 4.3256, 59.4378
Hunter-Lab	40.6653, 39.5510, -1.0951

Details

The YUV color **113.2260, 4.3256, 59.4378** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **144.7740, -4.3256, -59.4378**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9060, 3.0043, 63.2264**, and **57.4370, 7.6726, 59.2528** is the 20% darker color. If you saturate the color by 10%, you get **101.5200, 5.1666, 69.7040**, and if you desaturate by 10%, it is **124.9320, 3.4845, 49.1716**.

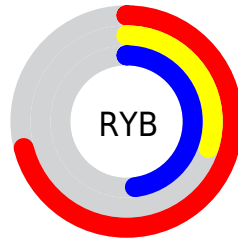
Distribution



Red (71%)

Green (30%)

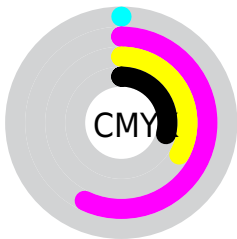
Blue (48%)



Red (71%)

Yellow (30%)

Blue (48%)

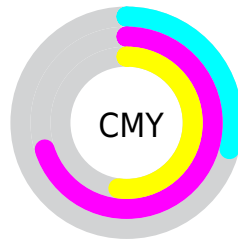


Cyan (0%)

Magenta (57%)

Yellow (33%)

Black (29%)



Cyan (29%)

Magenta (70%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.2260, 4.3256, 59.4378 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 113.2260, 4.3256, 59.4378 by changing the saturation by 10% instead.

 113.2260, 4.3256,
59.4378


 113.2260, 4.3256,
59.4378

255.0000, 0.0000,
0.0000


 86.1550, 5.3466,
58.6231


 167.9060, 3.0043,
63.2264


 57.4370, 7.6726,
59.2528


 191.4320, 5.2100,
55.7491


 34.8170, 7.9782,
54.5345

 211.0600, 9.3374,
38.5354

 24.3500, 2.7854,
40.0350

 230.9330, 11.8650,
21.1068

 14.6940, -5.7651,
29.2094

 247.9560, 3.4727,
6.1776

 0.0000, 0.0000,
0.0000

■ 113.2260, 4.3256,
59.4378

■ 113.2260, 4.3256,
59.4378

■ 101.5200, 5.1666,
69.7040

■ 124.9320, 3.4845,
49.1716

■ 89.7000, 5.5709,
80.0701

■ 136.7520, 3.0803,
38.8055

■ 77.9940, 6.4120,
90.3363

■ 148.4580, 2.2392,
28.5393

■ 66.2880, 7.2530,
100.6024

■ 160.1640, 1.3981,
18.2732

■ 63.0110, 7.3896,
103.4764

■ 172.4570, 0.2677,
7.4922

■ 184.2770, -0.1366,
-2.8739

■ 195.9830, -0.9776,
-13.1401

■ 207.6890, -1.8187,

-23.4063

■ 219.3950, -2.6597,
-33.6724

Harmonies

Analogous

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



116.5290, 21.4312, 32.8621



113.2260, 4.3256, 59.4378



111.0360, -14.3147, 64.8664

Triad

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



113.2260, 4.3256, 59.4378



105.5150, -34.7639, -3.0827



95.3140, 40.2712, -83.5904

Complementary

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



113.2260, 4.3256, 59.4378



144.7740, -4.3256, -59.4378

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.



94.0140, 25.1361, -82.4503



113.2260, 4.3256, 59.4378



97.4960, -16.0205, -41.6540

Square

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



113.2260, 4.3256, 59.4378



108.9210, -40.3871, 27.2563



89.3400, 7.2274, -78.3512



92.3280, 49.1383, -80.9717

Rectangle

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



113.2260, 4.3256, 59.4378



111.0060, -25.6390, 56.9997



89.3400, 7.2274, -78.3512



95.4620, 35.7612, -83.7202

Sweetspot

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



113.2260, 4.3256, 59.4378



208.8980, 1.5293, 22.8915



106.4970, 36.7300, 25.8741



102.0170, 0.9776, 13.1401



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



113.2260, 4.3256, 59.4378



129.4180, 6.6959, 92.5954



112.2050, -17.3561, 60.3332



83.1470, 0.4205, 5.1331



53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844

Inverse Universe

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



113.2260, 4.3256, 59.4378



129.4180, 6.6959, 92.5954



145.7950, 17.3561, -60.3332



83.1470, 0.4205, 5.1331



53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 113.2260, 4.3256, 59.4378 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 113.2260, 4.3256, 59.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

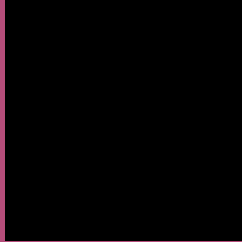
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.2260, 4.3256, 59.4378

Background



This preview shows how black text looks on a background with the YUV color 113.2260, 4.3256, 59.4378.



This preview shows how white text looks on a background with the YUV color 113.2260, 4.3256,

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

113.2260, 4.3256, 59.4378

Protanopia

114.2560, 15.1568, -8.1175

Deuteranopia

114.6850, 1.1413, 7.2923



Tritanopia

112.7900, -11.2355, 57.1892

Trichromacy



Original Color

113.2260, 4.3256, 59.4378

Protanomaly

114.0850, 11.2971, 16.5885

Deuteranomaly

114.1480, 2.3920, 26.1802

Tritanomaly

112.6960, -5.2731, 58.1486

Monochromacy



Original Color

113.2260, 4.3256, 59.4378

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1860, 1.3873, 21.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2260, 4.3256, 59.4378 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(181, 77, 122)` looks like.

```
.text, #text, p{  
    color:rgb(181, 77, 122)  
}
```

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(181, 77, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 77, 122) }
```

Border

The CSS property to change the border of an element to YUV 113.2260, 4.3256, 59.4378 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(181, 77, 122) }
```


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

```
.border{ border-color:rgb(181, 77, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 77, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 77, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 77, 122);  
box-shadow:4px 4px 4px 4px rgb(181, 77,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 113.2260, 4.3256, 59.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 77, 122) }
```

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

```
.background{ background-color: rgb(181, 77,  
122) }
```

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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