

Converting Colors

YUV(113.7380, 1.1152, 62.4968)

Have a look what the booklet for
YUV(113.7380, 1.1152, 62.4968)
contains.

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Color

**YUV(113.7380, 1.1152,
62.4968)**

Conversions

Conversions Part 1

Format	Color
Hex	B94D74
RGB	185, 77, 116
RGB Percent	73%, 30%, 45%
CMY	0.2745, 0.6980, 0.5451
CMYK	0.00, 0.58, 0.37, 0.27
HSL	338°, 44%, 51%
HSV	338°, 58%, 73%
XYZ	25.8138, 16.8830, 18.4212
YIQ	113.7380, 51.8490, 35.0250

Conversions

Conversions Part 2

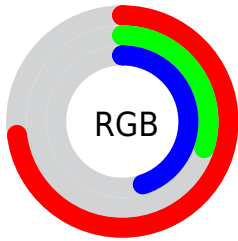
Format	Color
R_{YB}	185, 77, 116
Decimal	12143988
CIE _{Lab}	48.11, 47.45, -0.08
CIE _{LCh}	48, 47.453, 359.907
Yxy	16.8830, 0.4224, 0.2762
Android (android.graphics.Color)	4290334068 (0xFFB94D74)
YUV	113.7380, 1.1152, 62.4968
Hunter-Lab	41.0889, 40.2358, 2.1810

Details

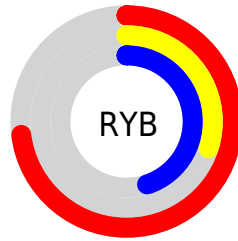
The YUV color **113.7380, 1.1152, 62.4968** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **148.2620, -1.1152, -62.4968**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4180, -0.2061, 66.2854**, and **57.7640, 5.0463, 61.5970** is the 20% darker color. If you saturate the color by 10%, you get **101.2170, 1.3720, 73.4777**, and if you desaturate by 10%, it is **126.2590, 0.8583, 51.5159**.

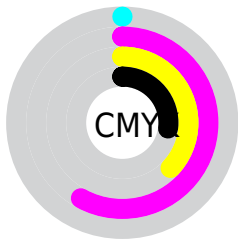
Distribution



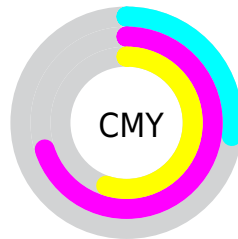
- Red (73%)
- Green (30%)
- Blue (45%)



- Red (73%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (58%)
- Yellow (37%)
- Black (27%)



- Cyan (27%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7380, 1.1152, 62.4968 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 113.7380, 1.1152, 62.4968 by changing the saturation by 10% instead.

■ 113.7380, 1.1152,
62.4968

■ 113.7380, 1.1152,
62.4968

■ 255.0000, 0.0000,
0.0000

■ 86.3680, 2.2836,
61.0673

■ 168.4180, -0.2061,
66.2854

■ 57.7640, 5.0463,
61.5970

■ 191.2210, 1.8630,
55.9342

■ 35.1440, 5.3520,
56.8787

■ 210.8490, 5.9904,
38.7204

■ 24.7910, 0.5960,
42.2793

■ 230.5910, 10.5546,
21.4067

■ 14.8790, -6.3493,
29.9241

■ 247.9560, 3.4727,
6.1776

■ 0.0000, 0.0000,
0.0000

113.7380, 1.1152,
62.4968

113.7380, 1.1152,
62.4968

101.2170, 1.3720,
73.4777

126.2590, 0.8583,
51.5159

89.2830, 1.3395,
83.9438

138.1930, 0.8909,
41.0497

76.8760, 2.0331,
94.8247

150.6000, 0.1972,
30.1688

64.9420, 2.0006,
105.2909

162.5340, 0.2297,
19.7027

62.9530, 1.9952,
107.0352

175.0550, -0.0271,
8.7218

186.9890, 0.0054,
-1.7444

198.9230, 0.0380,
-12.2105

211.4440, -0.2189,

-23.1914

■ 223.8510, -0.9125,
-34.0723

Harmonies

Analogous

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



117.4760, 18.4993, 39.9245



113.7380, 1.1152, 62.4968



112.2270, -17.3669, 63.8219

Triad

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



113.7380, 1.1152, 62.4968



105.0520, -32.5636, -8.8156



96.5850, 42.6026, -84.7050

Complementary

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



113.7380, 1.1152, 62.4968



148.2620, -1.1152, -62.4968

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.



95.5130, 28.3411, -83.7649



113.7380, 1.1152, 62.4968



94.9830, -11.3306, -52.6051

Square

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



113.7380, 1.1152, 62.4968



109.0730, -40.9550, 22.7380



90.9530, 10.8692, -79.7658



91.9690, 50.3013, -80.6568

Rectangle

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



113.7380, 1.1152, 62.4968



112.1860, -28.6857, 54.2109



90.9530, 10.8692, -79.7658



96.8470, 38.5294, -84.9348

Sweetspot

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



113.7380, 1.1152, 62.4968



211.5670, 0.2135, 24.9357



109.6440, 37.1505, 31.0072



102.2130, 0.3880, 15.5992



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



113.7380, 1.1152, 62.4968



129.1860, 1.8803, 97.1839



117.5100, -19.9714, 59.1887



86.0330, -0.0163, 5.2331



53.0280, 1.4652, 90.3064



9.5120, 0.2406, 16.2140

Inverse Universe

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



113.7380, 1.1152, 62.4968



129.1860, 1.8803, 97.1839



144.4900, 19.9714, -59.1887



86.0330, -0.0163, 5.2331



53.0280, 1.4652, 90.3064



9.5120, 0.2406, 16.2140

Previews

White Background



This preview shows how the YUV color 113.7380, 1.1152, 62.4968 looks on a white background.

Color Contrast Check

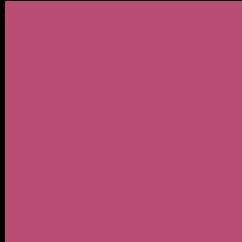
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7380, 1.1152, 62.4968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

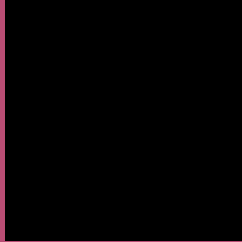
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.7380, 1.1152, 62.4968

Background



This preview shows how black text looks on a background with the YUV color 113.7380, 1.1152, 62.4968.



This preview shows how white text looks on a background with the YUV color 113.7380, 1.1152,

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

113.7380, 1.1152, 62.4968

Protanopia

115.3550, 11.6570, -5.5733

Deuteranopia

115.7840, -2.3585, 9.8364



Tritanopia

113.4700, -12.5567, 60.9778

Trichromacy



Original Color

113.7380, 1.1152, 62.4968

Protanomaly

115.1840, 7.7973, 19.1326

Deuteranomaly

115.2470, -1.1078, 28.7244

Tritanomaly

113.7350, -7.7574, 61.6224

Monochromacy



Original Color

113.7380, 1.1152, 62.4968

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2570, 0.3663, 22.5766

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7380, 1.1152, 62.4968 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(185, 77, 116)` looks like.

```
.text, #text, p{  
    color:rgb(185, 77, 116)  
}
```

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(185, 77, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 77, 116) }
```

Border

The CSS property to change the border of an element to YUV 113.7380, 1.1152, 62.4968 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(185, 77, 116) }
```


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

```
.border{ border-color:rgb(185, 77, 116) }
```

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

Here you see how a box with a 4 pixel rgb(185, 77, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 77, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 77, 116);  
box-shadow:4px 4px 4px 4px rgb(185, 77,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 113.7380, 1.1152, 62.4968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 77, 116) }
```

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

```
.background{ background-color: rgb(185, 77,  
116) }
```

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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