

Converting Colors

YUV(115.3790, 2.2782, 62.8116)

Have a look what the booklet for
YUV(115.3790, 2.2782, 62.8116)
contains.

YUV(115.3790, 2.2782, 62.8116)	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(115.3790, 2.2782,
62.8116)**

Conversions

Conversions Part 1

Format	Color
Hex	BB4E78
RGB	187, 78, 120
RGB Percent	73%, 31%, 47%
CMY	0.2667, 0.6941, 0.5294
CMYK	0.00, 0.58, 0.36, 0.27
HSL	337°, 44%, 52%
HSV	337°, 58%, 73%
XYZ	26.6081, 17.3696, 19.7196
YIQ	115.3790, 51.4820, 36.1700

Conversions

Conversions Part 2

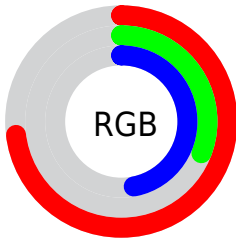
Format	Color
R_{YB}	187, 78, 120
Decimal	12275320
CIE _{Lab}	48.72, 48.11, -1.57
CIE _{LCh}	49, 48.135, 358.137
Yxy	17.3696, 0.4177, 0.2727
Android (android.graphics.Color)	4290465400 (0xFFBB4E78)
YUV	115.3790, 2.2782, 62.8116
Hunter-Lab	41.6769, 41.0264, 1.1206

Details

The YUV color **115.3790, 2.2782, 62.8116** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **149.6210, -2.2782, -62.8116**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6460, 0.6675, 66.0855**, and **59.4050, 6.2093, 61.9118** is the 20% darker color. If you saturate the color by 10%, you get **102.9720, 2.9718, 73.6926**, and if you desaturate by 10%, it is **127.7860, 1.5845, 51.9307**.

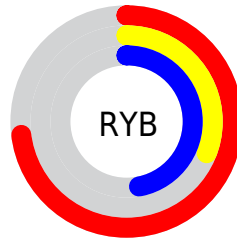
Distribution



Red (73%)

Green (31%)

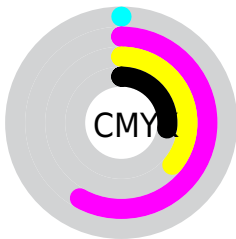
Blue (47%)



Red (73%)

Yellow (31%)

Blue (47%)

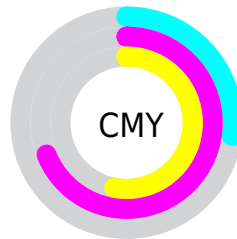


Cyan (0%)

Magenta (58%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (69%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3790, 2.2782, 62.8116 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 115.3790, 2.2782, 62.8116 by changing the saturation by 10% instead.

 115.3790, 2.2782,
62.8116


 115.3790, 2.2782,
62.8116

255.0000, 0.0000,
0.0000


 88.0090, 3.4466,
61.3821


 170.6460, 0.6675,
66.0855


 59.4050, 6.2093,
61.9118


 192.2640, 3.3208,
55.0195

 36.0840, 6.3676,
57.8083

 211.8920, 7.4482,
37.8057

 25.7310, 1.6116,
43.2089

 231.5200, 11.5756,
20.5920

 15.7760, -6.7916,
31.7684

 248.5430, 3.1833,
5.6628

 0.0000, 0.0000,
0.0000

■ 115.3790, 2.2782,
62.8116

■ 115.3790, 2.2782,
62.8116

■ 102.9720, 2.9718,
73.6926

■ 127.7860, 1.5845,
51.9307

■ 91.0380, 2.9393,
84.1587

■ 139.7200, 1.6170,
41.4646

■ 78.6310, 3.6329,
95.0396

■ 152.1270, 0.9234,
30.5836

■ 66.1100, 3.8898,
106.0205

■ 164.6480, 0.6665,
19.6027

■ 64.1210, 3.8843,
107.7649

■ 177.0550, -0.0271,
8.7218

■ 188.9890, 0.0054,
-1.7444

■ 201.3960, -0.6882,
-12.6253

■ 213.9170, -0.9451,

-23.6062

■ 225.7370, -1.3493,
-33.9723

Harmonies

Analogous

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



119.1060, 19.6677, 38.4950



115.3790, 2.2782, 62.8116



113.4660, -16.4987, 65.3663

Triad

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



115.3790, 2.2782, 62.8116



107.3080, -34.1688, -7.2861



97.8730, 42.4606, -85.8346

Complementary

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



115.3790, 2.2782, 62.8116



149.6210, -2.2782, -62.8116

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.



96.6870, 27.7623, -84.7945



115.3790, 2.2782, 62.8116



97.8370, -13.2306, -49.8460

Square

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



115.3790, 2.2782, 62.8116



110.9700, -41.3972, 24.5823



92.0130, 9.8536, -80.6954



93.4850, 51.0329, -81.9863

Rectangle

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



115.3790, 2.2782, 62.8116



113.6100, -28.4017, 56.4700



92.0130, 9.8536, -80.6954



98.1350, 38.3874, -86.0644

Sweetspot

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



115.3790, 2.2782, 62.8116



215.0830, 0.9451, 23.6062



109.8610, 38.0295, 29.0629



106.2020, 0.3934, 13.8548



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



115.3790, 2.2782, 62.8116



130.9410, 3.4801, 97.3987



117.0480, -19.2507, 61.3479



88.1470, 0.4205, 5.1331



54.1960, 3.3544, 91.0361



10.6370, 0.6720, 17.8584

Inverse Universe

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



115.3790, 2.2782, 62.8116



130.9410, 3.4801, 97.3987



147.9520, 19.2507, -61.3479



88.1470, 0.4205, 5.1331



54.1960, 3.3544, 91.0361



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 115.3790, 2.2782, 62.8116 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 115.3790, 2.2782, 62.8116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

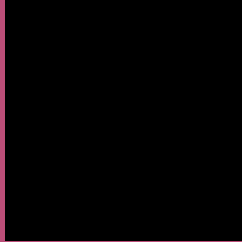
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.3790, 2.2782, 62.8116

Background



This preview shows how black text looks on a background with the YUV color 115.3790, 2.2782, 62.8116.



This preview shows how white text looks on a background with the YUV color 115.3790, 2.2782,

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

115.3790, 2.2782, 62.8116

Protanopia

116.6970, 12.9674, -5.8733

Deuteranopia

117.7130, -1.3375, 9.0217



Tritanopia

114.8830, -12.2673, 61.4926

Trichromacy



Original Color

115.3790, 2.2782, 62.8116

Protanomaly

116.5260, 9.1077, 18.8327

Deuteranomaly

116.5890, 0.2026, 28.4244

Tritanomaly

115.2620, -7.0312, 62.0372

Monochromacy



Original Color

115.3790, 2.2782, 62.8116

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.3710, 0.8031, 22.4766

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3790, 2.2782, 62.8116 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(187, 78, 120)` looks like.

```
.text, #text, p{  
    color:rgb(187, 78, 120)  
}
```

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(187, 78, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 78, 120) }
```

Border

The CSS property to change the border of an element to YUV 115.3790, 2.2782, 62.8116 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(187, 78, 120) }
```


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

```
.border{ border-color:rgb(187, 78, 120) }
```

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

Here you see how a box with a 4 pixel rgb(187, 78, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 78, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 78, 120);  
box-shadow:4px 4px 4px 4px rgb(187, 78,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 115.3790, 2.2782, 62.8116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 78, 120) }
```

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

```
.background{ background-color: rgb(187, 78,  
120) }
```

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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