

Converting Colors

YUV(114.3570, 22.5020,
62.8309)

Have a look what the booklet for
YUV(114.3570, 22.5020, 62.8309)
contains.

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Color

**YUV(114.3570, 22.5020,
62.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	BA45A0
RGB	186, 69, 160
RGB Percent	73%, 27%, 63%
CMY	0.2706, 0.7294, 0.3725
CMYK	0.00, 0.63, 0.14, 0.27
HSL	313°, 46%, 50%
HSV	313°, 63%, 73%
XYZ	28.7230, 17.2334, 35.0702
YIQ	114.3570, 40.5210, 53.1050

Conversions

Conversions Part 2

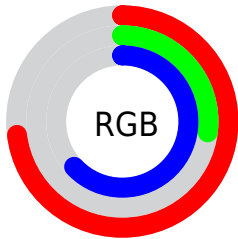
Format	Color
R_{YB}	186, 69, 160
Decimal	12207520
CIE _{Lab}	48.55, 57.29, -25.80
CIE _{LCh}	49, 62.828, 335.757
Yxy	17.2334, 0.3545, 0.2127
Android (android.graphics.Color)	4290397600 (0xFFBA45A0)
YUV	114.3570, 22.5020, 62.8309
Hunter-Lab	41.5131, 50.8563, -21.0289

Details

The YUV color **114.3570, 22.5020, 62.8309** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **140.6430, -22.5020, -62.8309**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5530, 21.9124, 65.2900**, and **51.1820, 28.0113, 69.1234** is the 20% darker color. If you saturate the color by 10%, you get **102.7480, 26.2532, 73.0120**, and if you desaturate by 10%, it is **125.9660, 18.7508, 52.6498**.

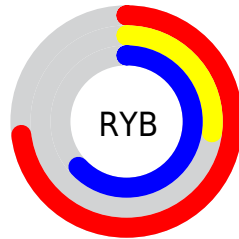
Distribution



Red (73%)

Green (27%)

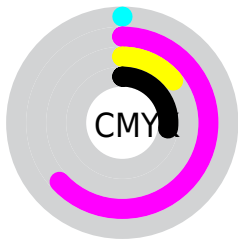
Blue (63%)



Red (73%)

Yellow (27%)

Blue (63%)

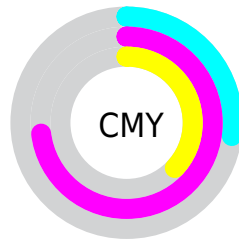


Cyan (0%)

Magenta (63%)

Yellow (14%)

Black (27%)



Cyan (27%)


Magenta (73%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.3570, 22.5020, 62.8309 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 114.3570, 22.5020, 62.8309 by changing the saturation by 10% instead.


 114.3570, 22.5020,
62.8309


 114.3570, 22.5020,
62.8309


255.0000, 0.0000,
0.0000


 85.1120, 24.1018,
63.0458

 170.5530, 21.9124,
65.2900


 51.1820, 28.0113,
69.1234


 193.2850, 25.0025,
54.1241


 40.0740, 21.6555,
54.3091


 210.9750, 21.7043,
38.6099

 29.2650, 15.1524,
40.1096

 227.9980, 13.3120,
23.6808

 19.5810, 9.0806,
27.5545

 245.0210, 4.9196,
8.7516

 5.5970, 4.6357,
6.4924

 0.0000, 0.0000,

0.0000

■ 114.3570, 22.5020,
62.8309

■ 114.3570, 22.5020,
62.8309

■ 102.7480, 26.2532,
73.0120

■ 125.9660, 18.7508,
52.6498

■ 91.7260, 29.7151,
82.6783

■ 136.9880, 15.2889,
42.9835

■ 80.1170, 33.4663,
92.8594

■ 148.5970, 11.5377,
32.8024

■ 72.1440, 35.9180,
99.8517

■ 159.7330, 8.5126,
23.0362

■ 171.3420, 4.7614,
12.8551

■ 182.9510, 1.0102,
2.6740

■ 193.9730, -2.4517,
-6.9923

■ 205.5820, -6.2029,
-17.1734

■ 216.6040, -9.6648,
-26.8397

Harmonies

Analogous

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



117.6520, 41.5836, 9.0752



114.3570, 22.5020, 62.8309



106.6750, 0.1602, 88.8620

Triad

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



114.3570, 22.5020, 62.8309



106.9620, -52.7323, 20.2043



101.0700, 36.9405, -88.6384

Complementary

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



114.3570, 22.5020, 62.8309



140.6430, -22.5020, -62.8309

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.



95.7290, 13.9376, -83.9543



114.3570, 22.5020, 62.8309



98.4620, -44.5978, -22.3302

Square

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



114.3570, 22.5020, 62.8309



108.0790, -53.2829, 56.9357



87.6980, -9.2181, -76.9111



101.6520, 54.4016, -89.1488

Rectangle

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



114.3570, 22.5020, 62.8309



106.8970, -16.7112, 86.9133



87.6980, -9.2181, -76.9111



99.8330, 29.6623, -87.5535

Sweetspot

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



114.3570, 22.5020, 62.8309



213.8580, 8.9440, 24.6805



89.8130, 47.4202, 3.6720



104.8800, 5.4822, 15.0142



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.



114.3570, 22.5020, 62.8309



131.1930, 34.9079, 97.1777



107.7450, -2.8323, 68.6296



86.4890, 1.7309, 4.8331



60.4380, 29.8571, 83.8079



10.8800, 5.4822, 15.0142

Inverse Universe

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



114.3570, 22.5020, 62.8309



131.1930, 34.9079, 97.1777



147.2550, 2.8323, -68.6296



86.4890, 1.7309, 4.8331



60.4380, 29.8571, 83.8079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 114.3570, 22.5020, 62.8309 looks on a white background.

Color Contrast Check

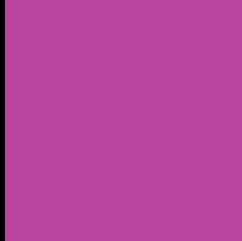
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.3570, 22.5020, 62.8309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

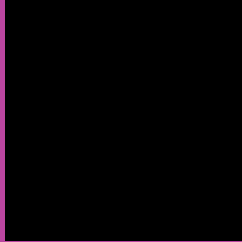
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.3570, 22.5020, 62.8309

Background



This preview shows how black text looks on a background with the YUV color 114.3570, 22.5020, 62.8309.



This preview shows how white text looks on a background with the YUV color 114.3570, 22.5020,

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

114.3570, 22.5020, 62.8309

Protanopia

112.8940, 40.9713, -27.9710

Deuteranopia

116.3530, 18.0670, -8.2026



Tritanopia

115.1920, -10.9407, 55.9596

Trichromacy



Original Color

114.3570, 22.5020, 62.8309



Protanomaly

113.3820, 34.3217, 4.9270



Deuteranomaly

115.9740, 19.7328, 17.5628



Tritanomaly

114.7160, 1.1260, 59.0081

Monochromacy



Original Color

114.3570, 22.5020, 62.8309



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.3200, 8.2232, 22.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3570, 22.5020, 62.8309 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(186, 69, 160)` looks like.

```
.text, #text, p{  
    color:rgb(186, 69, 160)  
}
```

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(186, 69, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 69, 160) }
```

Border

The CSS property to change the border of an element to YUV 114.3570, 22.5020, 62.8309 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(186, 69, 160) }
```


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

```
.border{ border-color:rgb(186, 69, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 69, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 69, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 69, 160); box-shadow:4px 4px 4px 4px rgb(186, 69, 160) }
```

Background

The CSS property to change the background color of an element to YUV 114.3570, 22.5020, 62.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 69, 160) }
```

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

```
.background{ background-color: rgb(186, 69,  
160) }
```

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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