

Converting Colors

YUV(121.7090, 25.2865,
56.3832)

Have a look what the booklet for
YUV(121.7090, 25.2865, 56.3832)
contains.

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Color

**YUV(121.7090, 25.2865,
56.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	BA4FAD
RGB	186, 79, 173
RGB Percent	73%, 31%, 68%
CMY	0.2706, 0.6902, 0.3216
CMYK	0.00, 0.58, 0.07, 0.27
HSL	307°, 44%, 52%
HSV	307°, 58%, 73%
XYZ	30.5885, 19.0482, 41.5996
YIQ	121.7090, 33.5980, 51.9180

Conversions

Conversions Part 2

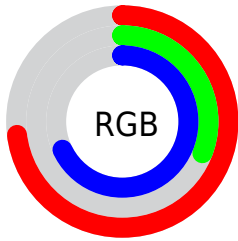
Format	Color
R _Y B	186, 79, 173
Decimal	12210093
CIE Lab	50.74, 54.96, -30.05
CIE LCh	51, 62.635, 331.331
Yxy	19.0482, 0.3353, 0.2088
Android (android.graphics.Color)	4290400173 (0xFFBA4FAD)
YUV	121.7090, 25.2865, 56.3832
Hunter-Lab	43.6442, 48.7261, -25.9615

Details

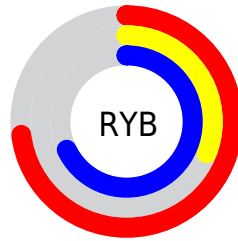
The YUV color **121.7090, 25.2865, 56.3832** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **143.2910, -25.2865, -56.3832**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1330, 25.5704, 58.6424**, and **63.1160, 28.0438, 58.6573** is the 20% darker color. If you saturate the color by 10%, you get **110.3280, 29.9113, 66.3643**, and if you desaturate by 10%, it is **133.0900, 20.6616, 46.4021**.

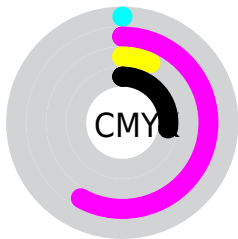
Distribution



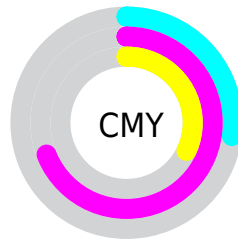
- Red (73%)
- Green (31%)
- Blue (68%)



- Red (73%)
- Yellow (31%)
- Blue (68%)



- Cyan (0%)
- Magenta (58%)
- Yellow (7%)
- Black (27%)



- Cyan (27%)
- Magenta (69%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.7090, 25.2865, 56.3832 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 121.7090, 25.2865, 56.3832 by changing the saturation by 10% instead.

121.7090, 25.2865,
56.3832

121.7090, 25.2865,
56.3832

255.0000, 0.0000,
0.0000

93.8230, 25.7233,
56.2832

177.1330, 25.5704,
58.6424

63.1160, 28.0438,
58.6573

199.8220, 27.2028,
48.3911

41.6270, 26.3129,
53.8241

216.2580, 19.0998,
33.9767

30.8180, 19.8097,
39.6246

233.2810, 10.7075,
19.0476

21.3190, 13.1537,
27.7842

250.3040, 2.3151,
4.1184

8.9440, 8.4086,
9.6961

0.0000, 0.0000,

0.0000

■ 121.7090, 25.2865,
56.3832

■ 121.7090, 25.2865,
56.3832

■ 110.3280, 29.9113,
66.3643

■ 133.0900, 20.6616,
46.4021

■ 99.4200, 33.8099,
75.9307

■ 143.9980, 16.7630,
36.8358

■ 88.0390, 38.4348,
85.9118

■ 155.3790, 12.1382,
26.8546

■ 77.2450, 42.7702,
95.3781

■ 166.1730, 7.8027,
17.3883

■ 74.1960, 43.7804,
98.0521

■ 177.5540, 3.1779,
7.4071

■ 189.0490, -1.0102,
-2.6740

■ 199.8430, -5.3456,
-12.1403

■ 211.2240, -9.9704,
-22.1214

■ 222.0180,
-14.3059, -31.5878

Harmonies

Analogous

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



122.0960, 44.8157, -0.9612



121.7090, 25.2865, 56.3832



113.8750, 3.5126, 86.9326

Triad

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



121.7090, 25.2865, 56.3832



112.6100, -55.5167, 26.6520



104.4780, 34.7673, -91.6272

Complementary

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



121.7090, 25.2865, 56.3832



143.2910, -25.2865, -56.3832

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.



99.0230, 11.3277, -86.8432



121.7090, 25.2865, 56.3832



105.3660, -48.9874, -14.3530

Square

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



121.7090, 25.2865, 56.3832



114.8930, -47.7682, 61.4838



90.2910, -11.9755, -79.1852



105.9890, 53.2494, -92.9524

Rectangle

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



121.7090, 25.2865, 56.3832



113.0050, -13.8065, 88.5726



90.2910, -11.9755, -79.1852



103.1270, 27.0524, -90.4424

Sweetspot

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



121.7090, 25.2865, 56.3832



217.3630, 9.6810, 21.6066



94.7860, 44.9685, -3.3203



107.5700, 5.6350, 12.6551



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.



121.7090, 25.2865, 56.3832



141.6910, 39.5923, 87.9710



115.6670, 2.1362, 61.6820



86.6030, 2.1677, 4.7332



62.2620, 36.8458, 82.2082



11.2220, 6.7926, 14.7143

Inverse Universe

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



121.7090, 25.2865, 56.3832



141.6910, 39.5923, 87.9710



149.3330, -2.1362, -61.6820



86.6030, 2.1677, 4.7332



62.2620, 36.8458, 82.2082



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 121.7090, 25.2865, 56.3832 looks on a white background.

Color Contrast Check

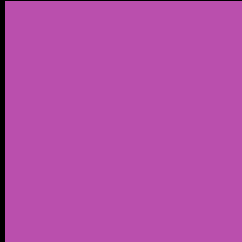
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 121.7090, 25.2865, 56.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

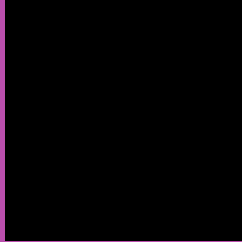
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.7090, 25.2865, 56.3832

Background



This preview shows how black text looks on a background with the YUV color 121.7090, 25.2865, 56.3832.



This preview shows how white text looks on a background with the YUV color 121.7090, 25.2865,

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

121.7090, 25.2865, 56.3832

Protanopia

118.4530, 43.1607, -30.2153

Deuteranopia

121.3570, 22.0090, -12.5911



Tritanopia

122.0170, -8.8824, 49.0971

Trichromacy



Original Color

121.7090, 25.2865, 56.3832

Protanomaly

119.3430, 36.8059, 1.4532

Deuteranomaly

121.5650, 23.3855, 12.6595

Tritanomaly

121.6550, 3.6211, 52.0456

Monochromacy



Original Color

121.7090, 25.2865, 56.3832

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.6510, 9.5391, 20.4771

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.7090, 25.2865, 56.3832 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, 79, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 79, 173)  
}
```

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, 79, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 79, 173) }
```

Border

The CSS property to change the border of an element to YUV 121.7090, 25.2865, 56.3832 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, 79, 173) }
```


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

```
.border{ border-color:rgb(186, 79, 173) }
```

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

Here you see how a box with a 4 pixel rgb(186, 79, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 79, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 79, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 79,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 121.7090, 25.2865, 56.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 79, 173) }
```

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

```
.background{ background-color: rgb(186, 79,  
173) }
```

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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