

Converting Colors

YUV(120.3090, -5.0823,
43.5790)

Have a look what the booklet for
YUV(120.3090, -5.0823, 43.5790)
contains.

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Color

**YUV(120.3090, -5.0823,
43.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	AA616E
RGB	170, 97, 110
RGB Percent	67%, 38%, 43%
CMY	0.3333, 0.6196, 0.5686
CMYK	0.00, 0.43, 0.35, 0.33
HSL	349°, 30%, 52%
HSV	349°, 43%, 67%
XYZ	23.6667, 18.2212, 17.0215
YIQ	120.3090, 39.3350, 19.5190

Conversions

Conversions Part 2

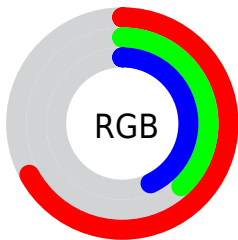
Format	Color
R_{YB}	170, 97, 110
Decimal	11166062
CIE _{Lab}	49.76, 31.10, 5.65
CIE _{LCh}	50, 31.605, 10.289
Yxy	18.2212, 0.4017, 0.3093
Android (android.graphics.Color)	4289356142 (0xFFAA616E)
YUV	120.3090, -5.0823, 43.5790
Hunter-Lab	42.6863, 24.2653, 6.2381

Details

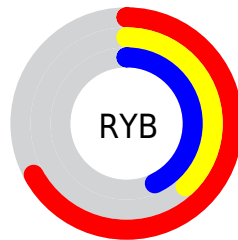
The YUV color **120.3090, -5.0823, 43.5790** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **146.6910, 5.0823, -43.5790**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6900, -6.2562, 46.7529**, and **69.7430, -3.3243, 39.6904** is the 20% darker color. If you saturate the color by 10%, you get **108.7340, -6.2779, 53.7303**, and if you desaturate by 10%, it is **131.8840, -3.8868, 33.4277**.

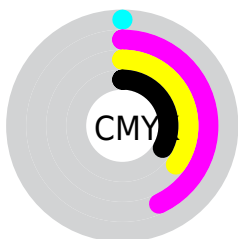
Distribution



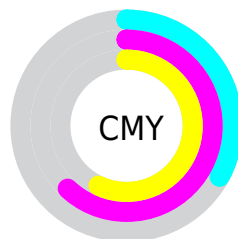
- Red (67%)
- Green (38%)
- Blue (43%)



- Red (67%)
- Yellow (38%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (35%)
- Black (33%)



- Cyan (33%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.3090, -5.0823, 43.5790 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 120.3090, -5.0823, 43.5790 by changing the saturation by 10% instead.


 120.3090, -5.0823,
43.5790

 120.3090, -5.0823,
43.5790


255.0000, 0.0000,
0.0000


 94.5260, -4.2033,
41.6347


 173.6900, -6.2562,
46.7529


 69.7430, -3.3243,
39.6904


 200.9890, -6.4036,
47.3676


 45.3730, -2.1559,
38.2609

 220.6170, -2.2762,
30.1539

 21.2310, -0.1139,
36.6314

 240.3590, 2.2880,
12.8402

 12.9710, -5.9017,
26.3354

 0.0000, 0.0000,
0.0000

■ 120.3090, -5.0823,
43.5790

■ 120.3090, -5.0823,
43.5790

■ 108.7340, -6.2779,
53.7303

■ 131.8840, -3.8868,
33.4277

■ 97.1590, -7.4734,
63.8816

■ 143.4590, -2.6913,
23.2765

■ 85.5840, -8.6689,
74.0328

■ 155.0340, -1.4958,
13.1252

■ 74.0090, -9.8644,
84.1841

■ 166.6090, -0.3002,
2.9739

■ 62.4340, -11.0600,
94.3354

■ 178.1840, 0.8953,
-7.1774

■ 54.2500, -11.9552,
101.5127

■ 189.7590, 2.0908,
-17.3286

■ 201.3340, 3.2863,
-27.4799

■ 212.9090, 4.4819,

-37.6312

 224.4840, 5.6774,
-47.7825

Harmonies

Analogous

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



121.8590, 7.4645, 32.5727



120.3090, -5.0823, 43.5790



119.1980, -16.8596, 41.0454

Triad

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



120.3090, -5.0823, 43.5790



112.2160, -17.8545, -13.3444



105.0740, 31.0225, -57.0699

Complementary

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



120.3090, -5.0823, 43.5790



146.6910, 5.0823, -43.5790

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.



94.2250, 28.4831, -82.6353



120.3090, -5.0823, 43.5790



106.7210, -3.8065, -39.2203

Square

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



120.3090, -5.0823, 43.5790



115.8230, -25.0557, 9.8022



94.0440, 16.2473, -78.0916



116.5670, 26.8355, -20.6683

Rectangle

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



120.3090, -5.0823, 43.5790



117.9600, -22.6583, 34.2381



94.0440, 16.2473, -78.0916



97.4200, 32.8239, -74.9133

Sweetspot

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



120.3090, -5.0823, 43.5790



202.2410, -2.0908, 17.3286



123.2620, 23.0418, 29.5882



99.7240, -1.3429, 10.7661



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



120.3090, -5.0823, 43.5790



143.0780, -7.9265, 69.2146



132.3280, -17.4167, 33.0383



78.5060, -0.7425, 4.8182



47.2160, -10.4595, 88.3876



6.4360, -1.2009, 11.8956

Inverse Universe

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



120.3090, -5.0823, 43.5790



143.0780, -7.9265, 69.2146



134.6720, 17.4167, -33.0383



78.5060, -0.7425, 4.8182



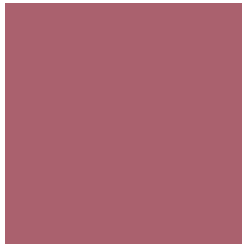
47.2160, -10.4595, 88.3876



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 120.3090, -5.0823, 43.5790 looks on a white background.

Color Contrast Check

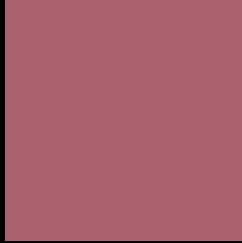
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.3090, -5.0823, 43.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

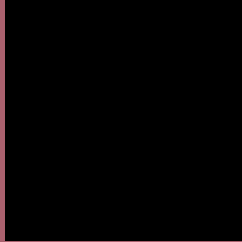
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.3090, -5.0823, 43.5790

Background



This preview shows how black text looks on a background with the YUV color 120.3090, -5.0823, 43.5790.



This preview shows how white text looks on a background with the YUV color 120.3090, -5.0823,

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

120.3090, -5.0823, 43.5790

Protanopia

119.0540, 1.4524, 0.8296

Deuteranopia

120.0680, -6.4425, 13.0954



Tritanopia

120.3260, -7.5557, 43.5641

Trichromacy



Original Color

120.3090, -5.0823, 43.5790

Protanomaly

119.2840, -0.6330, 16.4139

Deuteranomaly

119.9600, -5.8963, 24.5911

Tritanomaly

120.5540, -6.6821, 43.3641

Monochromacy



Original Color

120.3090, -5.0823, 43.5790

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2300, -2.0854, 15.5843

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3090, -5.0823, 43.5790 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(170, 97, 110)` looks like.

```
.text, #text, p{  
    color:rgb(170, 97, 110)  
}
```

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(170, 97, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 97, 110) }
```

Border

The CSS property to change the border of an element to YUV 120.3090, -5.0823, 43.5790 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(170, 97, 110) }
```


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

```
.border{ border-color:rgb(170, 97, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 97, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 97, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 97, 110);  
box-shadow:4px 4px 4px 4px rgb(170, 97,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 120.3090, -5.0823, 43.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 97, 110) }
```

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

```
.background{ background-color: rgb(170, 97,  
110) }
```

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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