

Converting Colors

YUV(135.6120, 15.4743,
30.1583)

Have a look what the booklet for
YUV(135.6120, 15.4743, 30.1583)
contains.

YUV(135.6120, 15.4743, 30.1583)	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(135.6120, 15.4743,
30.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	AA70A7
RGB	170, 112, 167
RGB Percent	67%, 44%, 65%
CMY	0.3333, 0.5608, 0.3451
CMYK	0.00, 0.34, 0.02, 0.33
HSL	303°, 25%, 55%
HSV	303°, 34%, 67%
XYZ	29.3468, 22.9244, 39.4373
YIQ	135.6120, 16.9130, 29.4010

Conversions

Conversions Part 2

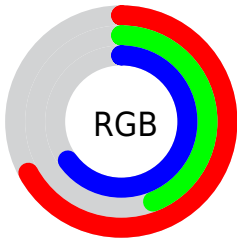
Format	Color
RYB	170, 112, 167
Decimal	11169959
CIELab	54.99, 31.93, -20.16
CIELCh	55, 37.765, 327.734
Yxy	22.9244, 0.3200, 0.2500
Android (android.graphics.Color)	4289360039 (0xFFAA70A7)
YUV	135.6120, 15.4743, 30.1583
Hunter-Lab	47.8794, 25.6191, -15.3204

Details

The YUV color **135.6120, 15.4743, 30.1583** is a light color, and the websafe version is hex **996699**. A complement of this color would be **146.3880, -15.4743, -30.1583**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7370, 15.9057, 31.8027**, and **85.0740, 14.7535, 27.9991** is the 20% darker color. If you saturate the color by 10%, you get **125.5190, 19.9571, 39.0098**, and if you desaturate by 10%, it is **145.7050, 10.9914, 21.3067**.

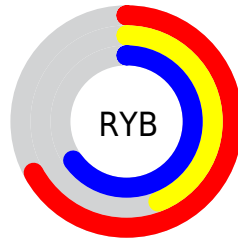
Distribution



Red (67%)

Green (44%)

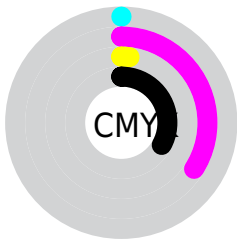
Blue (65%)



Red (67%)

Yellow (44%)

Blue (65%)

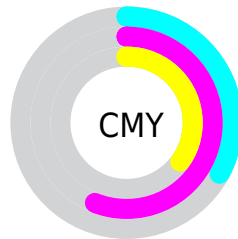


Cyan (0%)

Magenta (34%)

Yellow (2%)

Black (33%)



Cyan (33%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6120, 15.4743, 30.1583 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 135.6120, 15.4743, 30.1583 by changing the saturation by 10% instead.

135.6120, 15.4743,
30.1583

135.6120, 15.4743,
30.1583

255.0000, 0.0000,
0.0000

109.9000, 15.3323,
29.0287

189.7370, 15.9057,
31.8027

85.0740, 14.7535,
27.9991

217.5630, 16.4844,
32.8322

60.3620, 14.6115,
26.8695

234.4550, 10.1287,
18.0180

36.4760, 15.0483,
26.7695

251.4780, 1.7363,
3.0888

17.8730, 12.8806,
22.0364

6.5090, 8.1301,
5.6926

0.0000, 0.0000,

0.0000

■ 135.6120, 15.4743,
30.1583

■ 135.6120, 15.4743,
30.1583

■ 125.5190, 19.9571,
39.0098

■ 145.7050, 10.9914,
21.3067

■ 115.4260, 24.4400,
47.8614

■ 155.7980, 6.5086,
12.4552

■ 105.3330, 28.9228,
56.7130

■ 165.8910, 2.0257,
3.6036

■ 95.2400, 33.4057,
65.5645

■ 175.9840, -2.4571,
-5.2480

■ 85.2610, 38.3253,
74.3161

■ 185.9630, -7.3768,
-13.9996

■ 75.1680, 42.8082,
83.1677

■ 196.0560,
-11.8596, -22.8511

■ 69.1840, 45.2653,
88.4156

■ 206.1490,
-16.3425, -31.7027

■ 216.2420,
-20.8253, -40.5542

■ 220.4650,
-22.4142, -44.2578

Harmonies

Analogous

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



133.6170, 27.7968, -2.2951



135.6120, 15.4743, 30.1583



134.1340, 0.4269, 49.8715

Triad

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



135.6120, 15.4743, 30.1583



129.1790, -31.6402, 21.7680



105.2300, 27.4946, -92.2867

Complementary

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



135.6120, 15.4743, 30.1583



146.3880, -15.4743, -30.1583

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.



104.7570, 11.4588, -82.2249



135.6120, 15.4743, 30.1583



125.9800, -26.6121, -4.3675

Square

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



135.6120, 15.4743, 30.1583



130.9780, -26.6112, 42.1153



120.2780, -11.9691, -34.4468



105.7320, 39.5721, -92.7270

Rectangle

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



135.6120, 15.4743, 30.1583



133.1100, -9.9142, 53.4005



120.2780, -11.9691, -34.4468



104.5630, 22.4004, -91.7018

Sweetspot

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



135.6120, 15.4743, 30.1583



208.9720, 5.9298, 11.4256



119.5090, 24.8921, -3.9544



104.3690, 3.7621, 6.6924



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.



135.6120, 15.4743, 30.1583



168.0130, 24.1506, 47.3466



132.3060, 2.8071, 33.0576



79.3040, 2.3151, 4.1184



60.2120, 39.3355, 76.9901



8.1460, 5.3510, 10.3960

Inverse Universe

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



135.6120, 15.4743, 30.1583



168.0130, 24.1506, 47.3466



149.6940, -2.8071, -33.0576



79.3040, 2.3151, 4.1184



60.2120, 39.3355, 76.9901



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 135.6120, 15.4743, 30.1583 looks on a white background.

Color Contrast Check

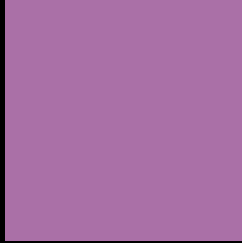
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6120, 15.4743, 30.1583 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 135.6120, 15.4743, 30.1583

Background



This preview shows how black text looks on a background with the YUV color 135.6120, 15.4743, 30.1583.



This preview shows how white text looks on a background with the YUV color 135.6120, 15.4743,

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

135.6120, 15.4743, 30.1583

Protanopia

131.8130, 23.7562, -12.9910

Deuteranopia

132.9900, 15.2879, -3.4992



Tritanopia

134.4810, -2.7021, 26.7652

Trichromacy



Original Color

135.6120, 15.4743, 30.1583

Protanomaly

132.8150, 20.7972, 2.7932

Deuteranomaly

134.0670, 15.2500, 8.7112

Tritanomaly

134.9140, 3.9864, 28.1394

Monochromacy



Original Color

135.6120, 15.4743, 30.1583

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.5590, 5.6404, 10.9108

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6120, 15.4743, 30.1583 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, 112, 167)` looks like.

```
.text, #text, p{  
    color:rgb(170, 112, 167)  
}
```

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, 112, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 112, 167) }
```

Border

The CSS property to change the border of an element to YUV 135.6120, 15.4743, 30.1583 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, 112, 167) }
```


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

```
.border{ border-color:rgb(170, 112, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 112, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 112, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 112, 167);  
box-shadow:4px 4px 4px 4px rgb(170, 112,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 135.6120, 15.4743, 30.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 112, 167) }
```

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

```
.background{ background-color: rgb(170,  
112, 167) }
```

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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