

Converting Colors

YUV(120.1560, 23.5871,
-5.3988)

Have a look what the booklet for
YUV(120.1560, 23.5871, -5.3988)
contains.

YUV(120.1560, 23.5871, -5.3988)	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(120.1560, 23.5871,
-5.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	7272A8
RGB	114, 114, 168
RGB Percent	45%, 45%, 66%
CMY	0.5529, 0.5529, 0.3412
CMYK	0.32, 0.32, 0.00, 0.34
HSL	240°, 24%, 55%
HSV	240°, 32%, 66%
XYZ	20.0246, 18.4392, 39.5495
YIQ	120.1560, -17.3340, 16.7940

Conversions

Conversions Part 2

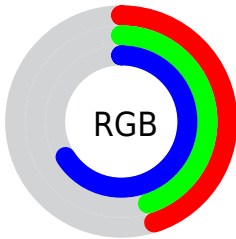
Format	Color
R_{YB}	114, 114, 168
Decimal	7500456
CIE _{Lab}	50.02, 12.93, -28.86
CIE _{LCh}	50, 31.628, 294.128
Yxy	18.4392, 0.2567, 0.2364
Android (android.graphics.Color)	4285690536 (0xFF7272A8)
YUV	120.1560, 23.5871, -5.3988
Hunter-Lab	42.9409, 8.0934, -24.5488

Details

The YUV color **120.1560, 23.5871, -5.3988** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **161.8440, -23.5871, 5.3988**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7970, 24.7501, -5.0840**, and **70.8030, 22.2821, -6.8432** is the 20% darker color. If you saturate the color by 10%, you get **105.0940, 31.0127, -7.0984**, and if you desaturate by 10%, it is **135.2180, 16.1615, -3.6992**.

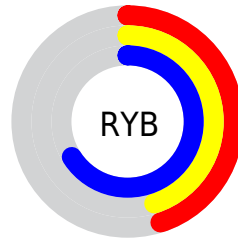
Distribution



Red (45%)

Green (45%)

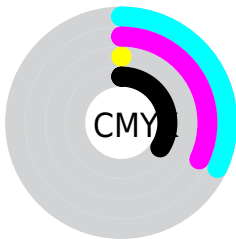
Blue (66%)



Red (45%)

Yellow (45%)

Blue (66%)

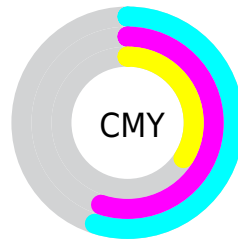


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (55%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1560, 23.5871, -5.3988 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 120.1560, 23.5871, -5.3988 by changing the saturation by 10% instead.

■ 120.1560, 23.5871,
-5.3988

■ 120.1560, 23.5871,
-5.3988

■ 255.0000, 0.0000,
0.0000

■ 95.2160, 22.5715,
-6.3284

■ 172.7970, 24.7501,
-5.0840

■ 70.8030, 22.2821,
-6.8432

■ 200.3240, 25.4763,
-4.6691

■ 47.8630, 21.2665,
-7.7729

■ 225.4740, 14.5563,
-2.1697

■ 25.3140, 20.5512,
-11.6764

■ 250.5810, 2.1786,
1.2445

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 120.1560, 23.5871,
-5.3988

■ 120.1560, 23.5871,
-5.3988

■ 105.0940, 31.0127,
-7.0984

■ 135.2180, 16.1615,
-3.6992

■ 90.0320, 38.4382,
-8.7981

■ 150.2800, 8.7360,
-1.9996

■ 75.8560, 45.4270,
-10.3977

■ 164.4560, 1.7472,
-0.3999

■ 60.7940, 52.8526,
-12.0973

■ 179.5180, -5.6784,
1.2997

■ 45.7320, 60.2781,
-13.7970

■ 194.5800,
-13.1039, 2.9993

■ 30.6700, 67.7037,
-15.4966

■ 209.6420,
-20.5295, 4.6990

■ 19.1520, 73.3821,
-16.7963

■ 224.7040,
-27.9551, 6.3986

■ 238.8800,
-34.9438, 7.9982

■ 245.0820,
-38.0014, 8.6981

Harmonies

Analogous

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



112.1410, 29.5105, -38.7117



120.1560, 23.5871, -5.3988



122.5140, 14.0436, 22.3512

Triad

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



120.1560, 23.5871, -5.3988



119.0250, -21.2113, 36.8121



103.8100, 4.5307, -53.3304

Complementary

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



120.1560, 23.5871, -5.3988



161.8440, -23.5871, 5.3988

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.



111.0450, -11.8542, -24.5955



120.1560, 23.5871, -5.3988



117.6610, -25.9619, 20.4683

Square

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



120.1560, 23.5871, -5.3988



120.4140, -11.0501, 44.3639



114.7400, -22.5498, -0.6490



94.0310, 22.6627, -82.4652

Rectangle

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



120.1560, 23.5871, -5.3988



121.8270, 6.0013, 35.2317



114.7400, -22.5498, -0.6490



106.5680, -1.7590, -42.5941

Sweetspot

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



120.1560, 23.5871, -5.3988



199.5080, 9.6096, -2.1995



151.8540, 7.9600, -33.1980



97.5960, 6.1152, -1.3997



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



120.1560, 23.5871, -5.3988



143.6900, 37.1278, -8.4981



128.2290, 19.6071, 11.2002



76.9120, 3.4944, -0.7998



16.8720, 64.6461, -14.7967



2.2800, 8.7360, -1.9996

Inverse Universe

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



136.3020, 15.6271, 27.7991



169.1050, 24.5982, 43.7579



153.7710, -19.6071, -11.2002



79.3040, 2.3151, 4.1184



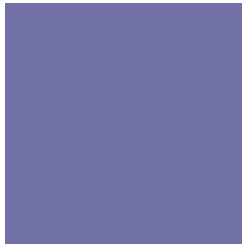
61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 120.1560, 23.5871, -5.3988 looks on a white background.

Color Contrast Check

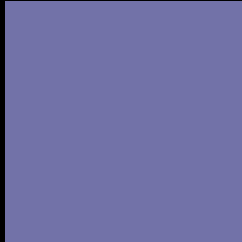
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.1560, 23.5871, -5.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

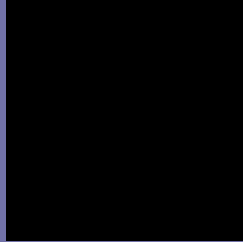
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.1560, 23.5871, -5.3988

Background



This preview shows how black text looks on a background with the YUV color 120.1560, 23.5871, -5.3988.



This preview shows how white text looks on a background with the YUV color 120.1560, 23.5871, -5.3988.

-5.3988.

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

120.1560, 23.5871, -5.3988

Protanopia

118.5570, 25.3614, -14.5205

Deuteranopia

118.8020, 23.7616, -14.7354



Tritanopia

117.6550, 6.5791, -10.2214

Trichromacy



Original Color

120.1560, 23.5871, -5.3988

Protanomaly

119.0520, 24.6244, -11.4466

Deuteranomaly

119.4110, 23.4614, -11.7614

Tritanomaly

118.2730, 12.6834, -8.1324

Monochromacy



Original Color

120.1560, 23.5871, -5.3988

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1660, 8.2992, -1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1560, 23.5871, -5.3988 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(114, 114, 168)` looks like.

```
.text, #text, p{  
    color:rgb(114, 114, 168)  
}
```

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(114, 114, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 114, 168) }
```

Border

The CSS property to change the border of an element to YUV 120.1560, 23.5871, -5.3988 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(114, 114, 168) }
```


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

```
.border{ border-color:rgb(114, 114, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 114, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 114, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 114, 168);  
box-shadow:4px 4px 4px 4px rgb(114, 114,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 120.1560, 23.5871, -5.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 114, 168) }
```

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

```
.background{ background-color: rgb(114,  
114, 168) }
```

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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