

Converting Colors

YUV(127.1450, 23.5925,
-7.1432)

Have a look what the booklet for
YUV(127.1450, 23.5925, -7.1432)
contains.

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Color

**YUV(127.1450, 23.5925,
-7.1432)**

Conversions

Conversions Part 1

Format	Color
Hex	777AAF
RGB	119, 122, 175
RGB Percent	47%, 48%, 69%
CMY	0.5333, 0.5216, 0.3137
CMYK	0.32, 0.30, 0.00, 0.31
HSL	237°, 26%, 58%
HSV	237°, 32%, 69%
XYZ	22.3051, 20.9362, 43.4229
YIQ	127.1450, -18.8010, 15.8470

Conversions

Conversions Part 2

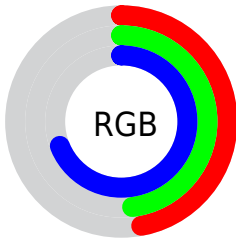
Format	Color
R_{YB}	119, 122, 175
Decimal	7830191
CIE _{Lab}	52.88, 11.51, -28.46
CIE _{LCh}	53, 30.697, 292.028
Yxy	20.9362, 0.2574, 0.2416
Android (android.graphics.Color)	4286020271 (0xFF777AAF)
YUV	127.1450, 23.5925, -7.1432
Hunter-Lab	45.7560, 6.9421, -24.2375

Details

The YUV color **127.1450, 23.5925, -7.1432** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **166.8550, -23.5925, 7.1432**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1990, 25.0449, -6.3135**, and **77.6780, 21.8507, -8.4876** is the 20% darker color. If you saturate the color by 10%, you get **112.0830, 31.0181, -8.8428**, and if you desaturate by 10%, it is **142.5060, 16.0195, -4.8288**.

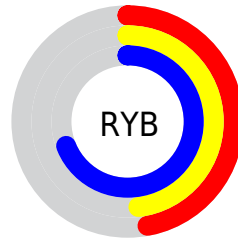
Distribution



Red (47%)

Green (48%)

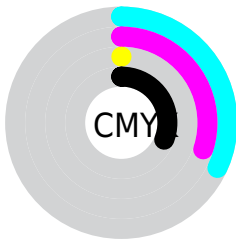
Blue (69%)



Red (47%)

Yellow (48%)

Blue (69%)

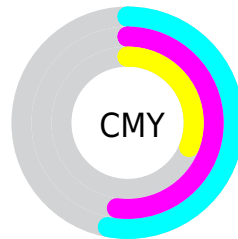


Cyan (32%)

Magenta (30%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (52%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1450, 23.5925, -7.1432 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 127.1450, 23.5925, -7.1432 by changing the saturation by 10% instead.

■ 127.1450, 23.5925,
-7.1432

■ 127.1450, 23.5925,
-7.1432

■ 255.0000, 0.0000,
0.0000

■ 101.6180, 22.8663,
-7.5580

■ 180.1990, 25.0449,
-6.3135

■ 77.6780, 21.8507,
-8.4876

■ 207.4440, 23.4451,
-6.5284

■ 53.8520, 21.2720,
-9.5172

■ 232.5510, 11.0674,
-3.1142

■ 31.0150, 20.6986,
-12.2912

■ 8.6350, 20.3929,
-7.5729

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 127.1450, 23.5925,
-7.1432

■ 127.1450, 23.5925,
-7.1432

■ 112.0830, 31.0181,
-8.8428

■ 142.5060, 16.0195,
-4.8288

■ 97.3090, 38.3017,
-11.6720

■ 156.9810, 8.8834,
-2.6143

■ 82.2470, 45.7272,
-13.3716

■ 172.0430, 1.4578,
-0.9147

■ 67.4730, 53.0108,
-16.2008

■ 186.8170, -5.8258,
1.9145

■ 52.4110, 60.4364,
-17.9004

■ 202.1780,
-13.3988, 4.2289

■ 37.6370, 67.7200,
-20.7296

■ 216.6530,
-20.5349, 6.4433

■ 25.2330, 73.8351,
-22.1293

■ 232.0140,
-28.1079, 8.7577

■ 245.2930,
-34.6544, 8.5130

■ 245.8800,
-34.9438, 7.9982

Harmonies

Analogous

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



119.6140, 28.7843, -39.1265



127.1450, 23.5925, -7.1432



129.6170, 14.4858, 20.5069

Triad

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



127.1450, 23.5925, -7.1432



126.6660, -20.0483, 37.1269



112.9740, 2.4778, -48.2122

Complementary

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



127.1450, 23.5925, -7.1432



166.8550, -23.5925, 7.1432

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.



118.8280, -12.7332, -22.6512



127.1450, 23.5925, -7.1432



124.9000, -25.0937, 22.0127

Square

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



127.1450, 23.5925, -7.1432



128.3430, -10.0291, 43.5492



122.6370, -22.9920, 1.1954



103.1950, 20.6099, -77.3470

Rectangle

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



127.1450, 23.5925, -7.1432



129.9300, 6.4435, 33.3874



122.6370, -22.9920, 1.1954



115.2480, -3.0803, -38.8055

Sweetspot

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



127.1450, 23.5925, -7.1432



207.2090, 9.7570, -2.8143



157.8000, 6.5076, -34.0276



103.1830, 5.8258, -1.9145



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



127.1450, 23.5925, -7.1432



153.1520, 36.4071, -10.6573



132.5600, 20.9229, 9.1559



79.0260, 3.9312, -0.8998



21.7960, 63.2046, -19.1151



3.2090, 9.7570, -2.8143

Inverse Universe

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



136.0860, -6.9444, 34.1276



167.1700, -10.9298, 52.4709



161.4400, -20.9229, -9.1559



80.6910, -1.3267, 5.5330



45.7620, -18.6167, 91.4167



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 127.1450, 23.5925, -7.1432 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 127.1450, 23.5925, -7.1432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

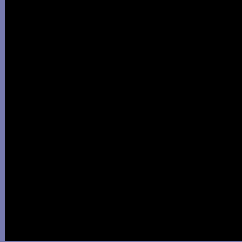
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.1450, 23.5925, -7.1432

Background



This preview shows how black text looks on a background with the YUV color 127.1450, 23.5925, -7.1432.



This preview shows how white text looks on a background with the YUV color 127.1450, 23.5925, -7.1432.

-7.1432.

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

127.1450, 23.5925, -7.1432

Protanopia

125.8560, 25.2140, -13.9057

Deuteranopia

126.1010, 23.6142, -14.1206



Tritanopia

124.7580, 7.0213, -12.0658

Trichromacy



Original Color

127.1450, 23.5925, -7.1432

Protanomaly

126.0520, 24.6244, -11.4466

Deuteranomaly

126.4110, 23.4614, -11.7614

Tritanomaly

125.3760, 13.1256, -9.9768

Monochromacy



Original Color

127.1450, 23.5925, -7.1432

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8670, 8.4466, -2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1450, 23.5925, -7.1432 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(119, 122, 175)` looks like.

```
.text, #text, p{  
    color:rgb(119, 122, 175)  
}
```

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(119, 122, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 122, 175) }
```

Border

The CSS property to change the border of an element to YUV 127.1450, 23.5925, -7.1432 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(119, 122, 175) }
```


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

```
.border{ border-color:rgb(119, 122, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 122, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 122, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 122, 175);  
box-shadow:4px 4px 4px 4px rgb(119, 122,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 127.1450, 23.5925, -7.1432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 122, 175) }
```

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

```
.background{ background-color: rgb(119,  
122, 175) }
```

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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