

Converting Colors

YUV(128.6080, 21.3923,
-1.4102)

Have a look what the booklet for
YUV(128.6080, 21.3923, -1.4102)
contains.

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Color

**YUV(128.6080, 21.3923,
-1.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	7F79AC
RGB	127, 121, 172
RGB Percent	50%, 47%, 67%
CMY	0.5020, 0.5255, 0.3255
CMYK	0.26, 0.30, 0.00, 0.33
HSL	247°, 24%, 57%
HSV	247°, 30%, 67%
XYZ	23.0362, 21.1653, 41.9009
YIQ	128.6080, -12.7950, 17.1330

Conversions

Conversions Part 2

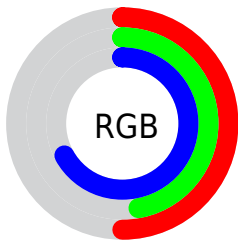
Format	Color
R_{YB}	127, 121, 172
Decimal	8354220
CIE _{Lab}	53.13, 13.77, -26.28
CIE _{LCh}	53, 29.671, 297.645
Yxy	21.1653, 0.2675, 0.2458
Android (android.graphics.Color)	4286544300 (0xFF7F79AC)
YUV	128.6080, 21.3923, -1.4102
Hunter-Lab	46.0058, 8.8689, -21.7958

Details

The YUV color $128.6080, 21.3923, -1.4102$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $164.3920, -21.3923, 1.4102$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.6620, 22.8446, -0.5806$, and $79.1410, 19.6505, -2.7547$ is the 20% darker color. If you saturate the color by 10%, you get $114.1440, 28.5230, -1.8803$, and if you desaturate by 10%, it is $143.0720, 14.2615, -0.9401$.

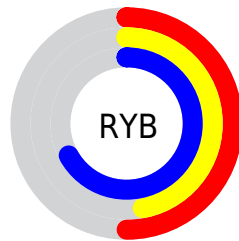
Distribution



Red (50%)

Green (47%)

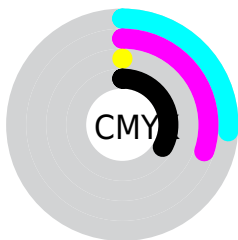
Blue (67%)



Red (50%)

Yellow (47%)

Blue (67%)

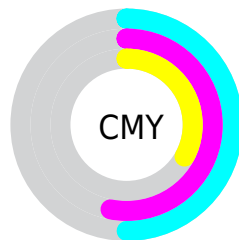


Cyan (26%)

Magenta (30%)

Yellow (0%)

Black (33%)



Cyan (50%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6080, 21.3923, -1.4102 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 128.6080, 21.3923, -1.4102 by changing the saturation by 10% instead.

■ 128.6080, 21.3923,
-1.4102

■ 128.6080, 21.3923,
-1.4102

255.0000, 0.0000,
0.0000

■ 103.0810, 20.6661,
-1.8250

■ 181.6620, 22.8446,
-0.5806

■ 79.1410, 19.6505,
-2.7547

■ 209.5480, 22.4078,
-0.4806

■ 55.7280, 19.3611,
-3.2695

■ 234.3560, 10.1775,
2.3188

■ 33.4890, 18.4929,
-4.8139

■ 9.9130, 18.7769,
-2.5547

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 128.6080, 21.3923,
-1.4102

■ 128.6080, 21.3923,
-1.4102

■ 114.1440, 28.5230,
-1.8803

■ 143.0720, 14.2615,
-0.9401

■ 99.6800, 35.6538,
-2.3504

■ 157.5360, 7.1308,
-0.4701

■ 84.3300, 43.2213,
-2.9204

■ 172.8860, -0.4368,
0.1000

■ 69.8660, 50.3521,
-3.3905

■ 187.3500, -7.5675,
0.5701

■ 55.4020, 57.4828,
-3.8606

■ 201.8140,
-14.6983, 1.0401

■ 40.9380, 64.6136,
-4.3306

■ 216.2780,
-21.8291, 1.5102

■ 26.4740, 71.7443,
-4.8007

■ 230.7420,
-28.9598, 1.9803

■ 25.5880, 72.1811,
-4.9007

■ 243.4450,
-35.2224, 3.9947

■ 245.5380,
-36.2542, 8.2982

Harmonies

Analogous

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



122.5010, 26.8680, -31.1344



128.6080, 21.3923, -1.4102



130.3570, 12.1490, 23.3659

Triad

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



128.6080, 21.3923, -1.4102



127.4160, -20.9111, 33.8382



113.0600, 5.3934, -50.0416

Complementary

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



128.6080, 21.3923, -1.4102



164.3920, -21.3923, 1.4102

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.



118.9030, -9.8122, -26.2249



128.6080, 21.3923, -1.4102



125.6930, -24.4986, 17.8092

Square

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



128.6080, 21.3923, -1.4102



128.4630, -12.0603, 41.6899



122.2990, -20.3604, -2.8932



106.4560, 21.4672, -72.3139

Rectangle

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



128.6080, 21.3923, -1.4102



130.0720, 4.4015, 35.0169



122.2990, -20.3604, -2.8932



115.3230, -0.1592, -42.3793

Sweetspot

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



128.6080, 21.3923, -1.4102



207.1770, 8.2937, -0.1552



153.2290, 9.2541, -28.2648



101.6670, 5.0942, -0.5850



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.



128.6080, 21.3923, -1.4102



155.8110, 33.6172, -2.4652



136.0830, 17.7071, 13.9592



79.3250, 3.7838, -0.2850



22.4820, 62.8664, -3.9307



3.5190, 9.6041, -0.4552

Inverse Universe

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



141.3790, 12.1382, 26.8546



176.0140, 19.2201, 42.0837



156.9170, -17.7071, -13.9592



81.6030, 2.1677, 4.7332



60.0120, 35.9831, 78.9195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 128.6080, 21.3923, -1.4102 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 128.6080, 21.3923, -1.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

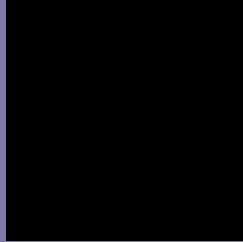
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.6080, 21.3923, -1.4102

Background



This preview shows how black text looks on a background with the YUV color 128.6080, 21.3923, -1.4102.



This preview shows how white text looks on a background with the YUV color 128.6080, 21.3923, -1.4102.

-1.4102.

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

128.6080, 21.3923, -1.4102

Protanopia

126.8130, 23.7562, -12.9910

Deuteranopia

126.9550, 21.7142, -11.3615



Tritanopia

126.7480, 5.5472, -5.9180

Trichromacy



Original Color

128.6080, 21.3923, -1.4102

Protanomaly

127.6070, 22.8717, -9.3023

Deuteranomaly

127.8630, 21.2665, -7.7729

Tritanomaly

127.2520, 11.2148, -3.7290

Monochromacy



Original Color

128.6080, 21.3923, -1.4102

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7640, 8.0043, -0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6080, 21.3923, -1.4102 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(127, 121, 172)` looks like.

```
.text, #text, p{  
    color:rgb(127, 121, 172)  
}
```

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(127, 121, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 121, 172) }
```

Border

The CSS property to change the border of an element to YUV 128.6080, 21.3923, -1.4102 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(127, 121, 172) }
```


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

```
.border{ border-color:rgb(127, 121, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 121, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 121, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 121, 172);  
box-shadow:4px 4px 4px 4px rgb(127, 121,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 128.6080, 21.3923, -1.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 121, 172) }
```

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

```
.background{ background-color: rgb(127,  
121, 172) }
```

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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