

Converting Colors

YUV(120.7980, 23.2706, 2.8082)

Have a look what the booklet for
YUV(120.7980, 23.2706, 2.8082)
contains.

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Color

**YUV(120.7980, 23.2706,
2.8082)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6EA8
RGB	124, 110, 168
RGB Percent	49%, 43%, 66%
CMY	0.5137, 0.5686, 0.3412
CMYK	0.26, 0.35, 0.00, 0.34
HSL	254°, 25%, 55%
HSV	254°, 35%, 66%
XYZ	20.9560, 18.2641, 39.4666
YIQ	120.7980, -10.2740, 21.0060

Conversions

Conversions Part 2

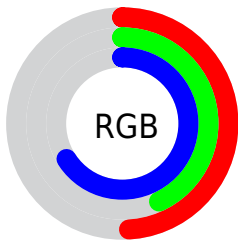
Format	Color
R_{YB}	124, 110, 168
Decimal	8154792
CIE _{Lab}	49.81, 18.38, -29.13
CIE _{LCh}	50, 34.438, 302.247
Yxy	18.2641, 0.2663, 0.2321
Android (android.graphics.Color)	4286344872 (0xFF7C6EA8)
YUV	120.7980, 23.2706, 2.8082
Hunter-Lab	42.7365, 12.7392, -24.8380

Details

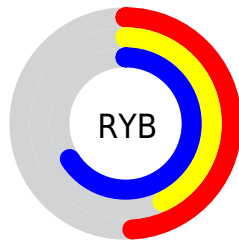
The YUV color **120.7980, 23.2706, 2.8082** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **157.2020, -23.2706, -2.8082**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7380, 24.2862, 3.7378**, and **71.4450, 21.9656, 1.3637** is the 20% darker color. If you saturate the color by 10%, you get **106.9320, 30.1065, 3.5676**, and if you desaturate by 10%, it is **134.6640, 16.4346, 2.0487**.

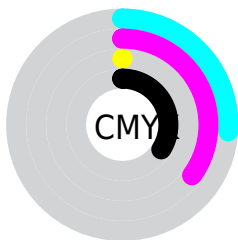
Distribution



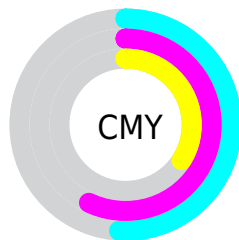
- Red (49%)
- Green (43%)
- Blue (66%)



- Red (49%)
- Yellow (43%)
- Blue (66%)



- Cyan (26%)
- Magenta (35%)
- Yellow (0%)
- Black (34%)



- Cyan (51%)
- Magenta (57%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7980, 23.2706, 2.8082 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 120.7980, 23.2706, 2.8082 by changing the saturation by 10% instead.

■ 120.7980, 23.2706,
2.8082

■ 120.7980, 23.2706,
2.8082

■ 255.0000, 0.0000,
0.0000

■ 95.8580, 22.2550,
1.8785

■ 173.7380, 24.2862,
3.7378

■ 71.4450, 21.9656,
1.3637

■ 200.9660, 25.1598,
3.5378

■ 48.5050, 20.9500,
0.4341

■ 226.4150, 14.0924,
6.6520

■ 26.8530, 19.7925,
-1.6251

■ 249.1300, 2.8939,
5.1480

■ 6.9240, 18.7715,
-0.8103

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 120.7980, 23.2706,
2.8082

■ 120.7980, 23.2706,
2.8082

■ 106.9320, 30.1065,
3.5676

■ 134.6640, 16.4346,
2.0487

■ 93.3650, 36.7951,
4.9419

■ 148.2310, 9.7461,
0.6744

■ 80.0860, 43.3416,
5.1866

■ 161.5100, 3.1996,
0.4297

■ 66.2200, 50.1775,
5.9461

■ 175.3760, -3.6364,
-0.3298

■ 52.3540, 57.0135,
6.7055

■ 189.2420,
-10.4723, -1.0892

■ 38.7870, 63.7020,
8.0798

■ 202.8090,
-17.1608, -2.4635

■ 31.4110, 67.3384,
8.4096

■ 216.6750,
-23.9968, -3.2230

■ 229.9540,
-30.5433, -3.4677

■ 240.2980,
-35.6429, -1.1383

Harmonies

Analogous

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



113.6300, 31.2414, -33.8785



120.7980, 23.2706, 2.8082



122.2870, 11.6905, 30.4433

Triad

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



120.7980, 23.2706, 2.8082



117.6890, -24.9897, 35.3527



92.3380, 13.6374, -80.9804

Complementary

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



120.7980, 23.2706, 2.8082



157.2020, -23.2706, -2.8082

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.



107.1900, -8.4747, -35.2466



120.7980, 23.2706, 2.8082



116.0580, -28.1296, 15.7351

Square

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



120.7980, 23.2706, 2.8082



119.1000, -14.8393, 46.3933



112.8100, -22.0913, -7.7264



95.0570, 26.5939, -83.3650

Rectangle

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



120.7980, 23.2706, 2.8082



120.7740, 3.0694, 42.2942



112.8100, -22.0913, -7.7264



100.1790, 4.8418, -59.7930

Sweetspot

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



120.7980, 23.2706, 2.8082



201.3020, 8.7251, 1.4891



142.4400, 12.6011, -28.4499



98.7920, 5.5255, 1.0594



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.



120.7980, 23.2706, 2.8082



145.8380, 36.0689, 4.5271



129.4690, 18.9958, 20.6367



77.5100, 3.1996, 0.4297



27.6360, 59.3395, 7.3352



3.7750, 7.9989, 1.0743

Inverse Universe

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



132.3580, 10.6695, 31.2580



163.7760, 16.8724, 48.4314



148.5310, -18.9958, -20.6367



79.0760, 1.4415, 4.3183



57.0200, 27.1051, 79.7895



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 120.7980, 23.2706, 2.8082 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 120.7980, 23.2706, 2.8082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

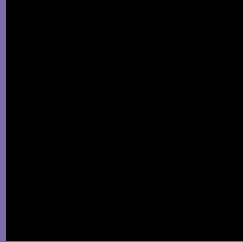
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.7980, 23.2706, 2.8082

Background



This preview shows how black text looks on a background with the YUV color 120.7980, 23.2706, 2.8082.



This preview shows how white text looks on a background with the YUV color 120.7980, 23.2706, 2.8082.

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

120.7980, 23.2706, 2.8082

Protanopia

118.3010, 26.9666, -16.0500

Deuteranopia

118.2150, 24.0510, -14.2206



Tritanopia

118.5420, 4.6628, -2.2293

Trichromacy



Original Color

120.7980, 23.2706, 2.8082

Protanomaly

119.0030, 25.6345, -8.7726

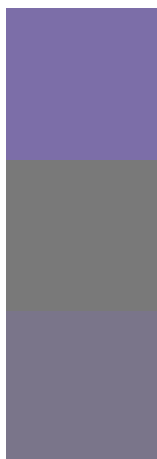
Deuteranomaly

118.8460, 23.7399, -7.7579

Tritanomaly

119.3880, 11.6407, -0.3403

Monochromacy



Original Color

120.7980, 23.2706, 2.8082

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8890, 8.4357, 0.9743

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7980, 23.2706, 2.8082 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(124, 110, 168)` looks like.

```
.text, #text, p{  
    color:rgb(124, 110, 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(124, 110, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 110, 168) }
```

Border

The CSS property to change the border of an element to YUV 120.7980, 23.2706, 2.8082 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(124, 110, 168) }
```


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

```
.border{ border-color:rgb(124, 110, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 110, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 110, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 110, 168);  
box-shadow:4px 4px 4px 4px rgb(124, 110,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 120.7980, 23.2706, 2.8082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 110, 168) }
```

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

```
.background{ background-color: rgb(124,  
110, 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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