

Converting Colors

YUV(120.6510, 22.8501,
-2.3249)

Have a look what the booklet for
YUV(120.6510, 22.8501, -2.3249)
contains.

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Color

**YUV(120.6510, 22.8501,
-2.3249)**

Conversions

Conversions Part 1

Format	Color
Hex	7671A7
RGB	118, 113, 167
RGB Percent	46%, 44%, 65%
CMY	0.5373, 0.5569, 0.3451
CMYK	0.29, 0.32, 0.00, 0.35
HSL	246°, 23%, 55%
HSV	246°, 32%, 65%
XYZ	20.3514, 18.4518, 39.0481
YIQ	120.6510, -14.3540, 17.8540

Conversions

Conversions Part 2

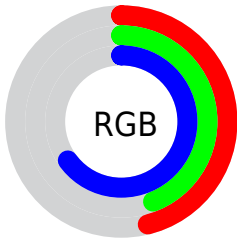
Format	Color
R_{YB}	118, 113, 167
Decimal	7762343
CIE _{Lab}	50.04, 14.47, -28.23
CIE _{LCh}	50, 31.727, 297.141
Yxy	18.4518, 0.2614, 0.2370
Android (android.graphics.Color)	4285952423 (0xFF7671A7)
YUV	120.6510, 22.8501, -2.3249
Hunter-Lab	42.9556, 9.3970, -23.8278

Details

The YUV color $120.6510, 22.8501, -2.3249$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $159.3490, -22.8501, 2.3249$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.2920, 24.0130, -2.0101$, and $71.5970, 21.3977, -3.1546$ is the 20% darker color. If you saturate the color by 10%, you get $106.1870, 29.9808, -2.7950$, and if you desaturate by 10%, it is $135.1150, 15.7193, -1.8549$.

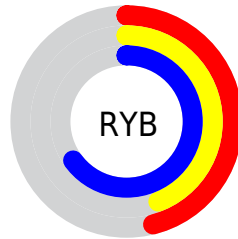
Distribution



Red (46%)

Green (44%)

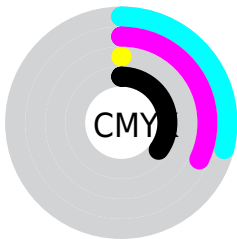
Blue (65%)



Red (46%)

Yellow (44%)

Blue (65%)

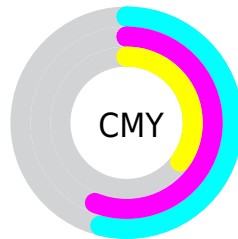


Cyan (29%)

Magenta (32%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6510, 22.8501, -2.3249 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 120.6510, 22.8501, -2.3249 by changing the saturation by 10% instead.

■ 120.6510, 22.8501,
-2.3249

■ 120.6510, 22.8501,
-2.3249

■ 255.0000, 0.0000,
0.0000

■ 95.7110, 21.8345,
-3.2545

■ 173.2920, 24.0130,
-2.0101

■ 71.5970, 21.3977,
-3.1546

■ 200.8190, 24.7392,
-1.5953

■ 48.3580, 20.5295,
-4.6990

■ 226.0830, 14.2561,
0.8042

■ 26.4070, 19.5193,
-7.3729

■ 250.8910, 2.0257,
3.6036

■ 5.0160, 19.2191,
-4.3990

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 120.6510, 22.8501,
-2.3249

■ 120.6510, 22.8501,
-2.3249

■ 106.1870, 29.9808,
-2.7950

■ 135.1150, 15.7193,
-1.8549

■ 92.3100, 36.8222,
-3.7799

■ 148.9920, 8.8779,
-0.8700

■ 77.8460, 43.9529,
-4.2499

■ 163.4560, 1.7472,
-0.3999

■ 63.0830, 51.2311,
-5.3348

■ 178.2190, -5.5310,
0.6849

■ 48.6190, 58.3618,
-5.8049

■ 192.0960,
-12.3723, 1.6698

■ 34.7420, 65.2032,
-6.7897

■ 206.5600,
-19.5031, 2.1399

■ 23.5230, 70.7342,
-7.4747

■ 221.0240,
-26.6338, 2.6100

■ 235.4880,
-33.7646, 3.0800

■ 244.6690,
-38.2908, 8.1833

Harmonies

Analogous

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



113.7500, 29.2102, -35.7377



120.6510, 22.8501, -2.3249



122.2970, 13.1646, 24.2955

Triad

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



120.6510, 22.8501, -2.3249



119.1990, -21.7901, 35.7825



102.5430, 6.1413, -56.6042

Complementary

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



120.6510, 22.8501, -2.3249



159.3490, -22.8501, 2.3249

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.



110.0770, -10.3910, -27.2545



120.6510, 22.8501, -2.3249



117.6500, -25.9565, 18.7239

Square

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



120.6510, 22.8501, -2.3249



119.8870, -11.7763, 43.9491



114.5440, -21.9602, -3.1081



94.3730, 23.9731, -82.7651

Rectangle

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



120.6510, 22.8501, -2.3249



122.1970, 4.8329, 36.6612



114.5440, -21.9602, -3.1081



106.0020, -0.0010, -46.4828

Sweetspot

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



120.6510, 22.8501, -2.3249



198.1060, 9.3147, -0.9700



148.5060, 9.1175, -31.1388



98.1940, 5.8204, -0.1701



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.



120.6510, 22.8501, -2.3249



144.0820, 35.9486, -3.5799



128.4250, 19.0175, 13.6593



77.2110, 3.3470, -0.1850



21.0580, 62.5824, -6.1899



2.8780, 8.4411, -0.7700

Inverse Universe

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



134.7320, 13.4431, 28.2990



166.1930, 21.1039, 44.5577



151.2760, -18.8701, -14.2741



79.1900, 1.8783, 4.2184



59.5280, 36.7147, 77.5899



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 120.6510, 22.8501, -2.3249 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 120.6510, 22.8501, -2.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

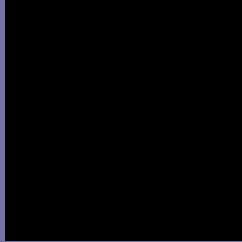
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6510, 22.8501, -2.3249

Background



This preview shows how black text looks on a background with the YUV color 120.6510, 22.8501, -2.3249.



This preview shows how white text looks on a background with the YUV color 120.6510, 22.8501, -2.3249.

-2.3249.

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

120.6510, 22.8501, -2.3249

Protanopia

118.5570, 25.3614, -14.5205

Deuteranopia

118.9870, 23.1774, -14.0206



Tritanopia

118.1500, 5.8420, -7.1476

Trichromacy



Original Color

120.6510, 22.8501, -2.3249

Protanomaly

119.6500, 24.3295, -10.2171

Deuteranomaly

119.3080, 23.0192, -9.9171

Tritanomaly

118.7680, 11.9464, -5.0585

Monochromacy



Original Color

120.6510, 22.8501, -2.3249

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8780, 8.4411, -0.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6510, 22.8501, -2.3249 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(118, 113, 167)` looks like.

```
.text, #text, p{  
    color:rgb(118, 113, 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(118, 113, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 113, 167) }
```

Border

The CSS property to change the border of an element to YUV 120.6510, 22.8501, -2.3249 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(118, 113, 167) }
```


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

```
.border{ border-color:rgb(118, 113, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 113, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 113, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 113, 167);  
box-shadow:4px 4px 4px 4px rgb(118, 113,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 120.6510, 22.8501, -2.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 113, 167) }
```

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

```
.background{ background-color: rgb(118,  
113, 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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