

Converting Colors

YUV(119.5190, 22.9151,
-23.2572)

Have a look what the booklet for
YUV(119.5190, 22.9151, -23.2572)
contains.

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Color

**YUV(119.5190, 22.9151,
-23.2572)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7CA6
RGB	93, 124, 166
RGB Percent	36%, 49%, 65%
CMY	0.6353, 0.5137, 0.3490
CMYK	0.44, 0.25, 0.00, 0.35
HSL	215°, 29%, 51%
HSV	215°, 44%, 65%
XYZ	18.6048, 19.4956, 38.8588
YIQ	119.5190, -31.9580, 6.4900

Conversions

Conversions Part 2

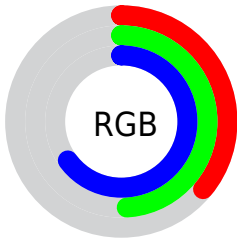
Format	Color
R_{YB}	93, 115, 166
Decimal	6126758
CIE _{Lab}	51.26, 0.39, -25.90
CIE _{LCh}	51, 25.898, 270.862
Yxy	19.4956, 0.2417, 0.2533
Android (android.graphics.Color)	4284316838 (0xFF5D7CA6)
YUV	119.5190, 22.9151, -23.2572
Hunter-Lab	44.1539, -2.0560, -21.2721

Details

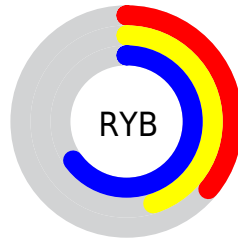
The YUV color **119.5190, 22.9151, -23.2572** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **139.4810, -22.9151, 23.2572**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1600, 24.0781, -22.9423**, and **68.9810, 22.1944, -25.4163** is the 20% darker color. If you saturate the color by 10%, you get **108.5660, 28.3150, -28.5604**, and if you desaturate by 10%, it is **130.4720, 17.5153, -17.9539**.

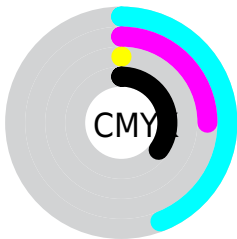
Distribution



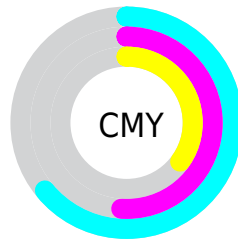
- Red (36%)
- Green (49%)
- Blue (65%)



- Red (36%)
- Yellow (45%)
- Blue (65%)



- Cyan (44%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)



- Cyan (64%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.5190, 22.9151, -23.2572 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 119.5190, 22.9151, -23.2572 by changing the saturation by 10% instead.

■ 119.5190, 22.9151,
-23.2572

■ 119.5190, 22.9151,
-23.2572

■ 255.0000, 0.0000,
0.0000

■ 94.1060, 22.6257,
-23.7720

■ 172.1600, 24.0781,
-22.9423

■ 68.9810, 22.1944,
-25.4163

■ 200.2740, 24.5149,
-23.0423

■ 43.3500, 22.5055,
-31.8789

■ 225.6520, 14.4686,
-20.7428

■ 26.3080, 19.5682,
-23.0721

■ 247.8240, 3.5378,
-14.7546

■ 9.0110, 16.7566,
-7.9026

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 119.5190, 22.9151,
-23.2572

■ 119.5190, 22.9151,
-23.2572

■ 108.5660, 28.3150,
-28.5604

■ 130.4720, 17.5153,
-17.9539

■ 98.4990, 33.2780,
-33.7636

■ 140.5390, 12.5523,
-12.7507

■ 87.5460, 38.6778,
-39.0668

■ 151.4920, 7.1524,
-7.4475

■ 77.4790, 43.6409,
-44.2701

■ 161.5590, 2.1894,
-2.2442

■ 66.5260, 49.0407,
-49.5733

■ 172.5120, -3.2104,
3.0590

■ 60.0140, 52.2511,
-52.6323

■ 182.8780, -8.3209,
8.8770

■ 193.5320,
-13.5733, 13.5654

■ 203.8980,
-18.6837, 19.3835

■ 214.5520,
-23.9361, 24.0719

Harmonies

Analogous

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



112.4900, 23.4224, -46.0337



119.5190, 22.9151, -23.2572



124.0060, 17.7450, 1.7487

Triad

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



119.5190, 22.9151, -23.2572



123.6580, -11.1704, 36.2569



114.8970, -7.3442, -24.4657

Complementary

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



119.5190, 22.9151, -23.2572



139.4810, -22.9151, 23.2572

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.



118.4990, -17.0080, -4.8226



119.5190, 22.9151, -23.2572



122.2520, -18.8582, 28.7200

Square

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



119.5190, 22.9151, -23.2572



124.5790, -1.2714, 34.5722



120.8820, -21.1408, 14.1355



110.8050, 5.5191, -43.6790

Rectangle

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



119.5190, 22.9151, -23.2572



125.3130, 12.1707, 16.3885



120.8820, -21.1408, 14.1355



116.3170, -11.0023, -17.8180

Sweetspot

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



119.5190, 22.9151, -23.2572



199.2360, 8.7577, -8.9770



140.5250, -3.2168, -41.6794



98.7480, 5.5472, -5.9180



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.



119.5190, 22.9151, -23.2572



143.8730, 36.0516, -36.7226



102.8170, 31.1492, -4.2245



78.6730, 2.6262, -2.3442



53.8530, 46.4145, -47.2291



7.5630, 6.1314, -6.6328

Inverse Universe

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



118.3610, 2.7800, 41.7794



141.9710, 4.4513, 65.8004



156.1830, -31.1492, 4.2245



78.7340, 0.1311, 4.6183



51.4340, 5.7020, 84.6884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 119.5190, 22.9151, -23.2572 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 119.5190, 22.9151, -23.2572 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 119.5190, 22.9151, -23.2572

Background



This preview shows how black text looks on a background with the YUV color 119.5190, 22.9151, -23.2572.

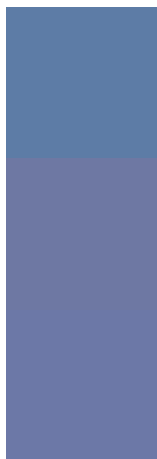


This preview shows how white text looks on a background with the YUV color 119.5190, 22.9151, -23.2572.

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

119.5190, 22.9151, -23.2572

Protanopia

121.9120, 20.2564, -10.4468

Deuteranopia

121.7700, 22.2984, -12.0763



Tritanopia

117.2830, 10.7065, -27.4352

Trichromacy



Original Color

119.5190, 22.9151, -23.2572

Protanomaly

120.8190, 21.2882, -14.7503

Deuteranomaly

120.8620, 22.7460, -15.6650

Tritanomaly

118.1460, 15.2110, -25.5610

Monochromacy



Original Color

119.5190, 22.9151, -23.2572

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.5350, 8.6102, -8.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5190, 22.9151, -23.2572 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(93, 124, 166)` looks like.

```
.text, #text, p{  
    color:rgb(93, 124, 166)  
}
```

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(93, 124, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 124, 166) }
```

Border

The CSS property to change the border of an element to YUV 119.5190, 22.9151, -23.2572 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(93, 124, 166) }
```


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

```
.border{ border-color:rgb(93, 124, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 124, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 124, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 124, 166);  
box-shadow:4px 4px 4px 4px rgb(93, 124,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 119.5190, 22.9151, -23.2572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 124, 166) }
```

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

```
.background{ background-color: rgb(93, 124,  
166) }
```

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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