

Converting Colors

YUV(114.2310, 23.0571,
-22.1276)

Have a look what the booklet for
YUV(114.2310, 23.0571, -22.1276)
contains.

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Color

**YUV(114.2310, 23.0571,
-22.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	5976A1
RGB	89, 118, 161
RGB Percent	35%, 46%, 63%
CMY	0.6510, 0.5373, 0.3686
CMYK	0.45, 0.27, 0.00, 0.37
HSL	216°, 29%, 49%
HSV	216°, 45%, 63%
XYZ	17.0313, 17.6539, 36.2281
YIQ	114.2310, -31.0870, 7.2250

Conversions

Conversions Part 2

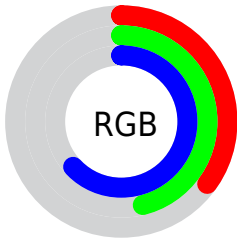
Format	Color
R_{YB}	89, 110, 161
Decimal	5863073
CIE _{Lab}	49.07, 1.40, -26.39
CIE _{LCh}	49, 26.429, 273.027
Yxy	17.6539, 0.2402, 0.2490
Android (android.graphics.Color)	4284053153 (0xFF5976A1)
YUV	114.2310, 23.0571, -22.1276
Hunter-Lab	42.0166, -1.1746, -21.7103

Details

The YUV color **114.2310, 23.0571, -22.1276** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **135.7690, -23.0571, 22.1276**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8720, 24.2201, -21.8127**, and **64.2800, 22.0470, -24.8016** is the 20% darker color. If you saturate the color by 10%, you get **103.5770, 28.3095, -26.8160**, and if you desaturate by 10%, it is **124.8850, 17.8047, -17.4391**.

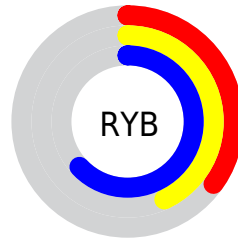
Distribution



Red (35%)

Green (46%)

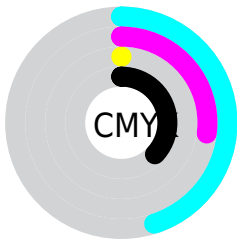
Blue (63%)



Red (35%)

Yellow (43%)

Blue (63%)

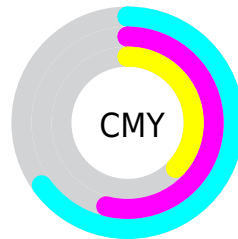


Cyan (45%)

Magenta (27%)

Yellow (0%)

Black (37%)



Cyan (65%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2310, 23.0571, -22.1276 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 114.2310, 23.0571, -22.1276 by changing the saturation by 10% instead.

■ 114.2310, 23.0571,
-22.1276

■ 114.2310, 23.0571,
-22.1276

■ 255.0000, 0.0000,
0.0000

■ 88.8180, 22.7677,
-22.6424

■ 166.8720, 24.2201,
-21.8127

■ 64.2800, 22.0470,
-24.8016

■ 193.9860, 24.6569,
-21.9127

■ 38.4640, 22.9422,
-31.9789

■ 220.0480, 17.2313,
-20.2131

■ 22.8030, 18.8311,
-19.9982

■ 245.7420, 4.5642,
-17.3137

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 114.2310, 23.0571,
-22.1276

■ 114.2310, 23.0571,
-22.1276

■ 103.5770, 28.3095,
-26.8160

■ 124.8850, 17.8047,
-17.4391

■ 93.5100, 33.2726,
-32.0193

■ 134.9520, 12.8417,
-12.2359

■ 82.8560, 38.5250,
-36.7077

■ 145.6060, 7.5892,
-7.5475

■ 72.7890, 43.4880,
-41.9110

■ 155.6730, 2.6262,
-2.3442

■ 62.1350, 48.7404,
-46.5994

■ 166.6260, -2.7736,
2.9590

■ 56.5090, 51.5141,
-49.5584

■ 177.2800, -8.0260,
7.6474

■ 187.3470,
-12.9891, 12.8507

■ 198.0010,
-18.2415, 17.5391

■ 208.6550,
-23.4939, 22.2276

Harmonies

Analogous

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



106.4190, 24.4434, -46.8485



114.2310, 23.0571, -22.1276



118.6040, 17.4502, 2.9783

Triad

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



114.2310, 23.0571, -22.1276



118.0170, -12.3334, 35.9421



109.1140, -6.4652, -26.4100

Complementary

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



114.2310, 23.0571, -22.1276



135.7690, -23.0571, 22.1276

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.



112.7870, -17.1500, -5.9522



114.2310, 23.0571, -22.1276



116.4260, -19.4370, 27.6904

Square

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



114.2310, 23.0571, -22.1276



118.7640, -1.8557, 35.2870



115.1700, -21.2828, 13.0059



104.4240, 6.6930, -46.8528

Rectangle

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



114.2310, 23.0571, -22.1276



119.9110, 11.8759, 17.6181



115.1700, -21.2828, 13.0059



110.4200, -10.5601, -19.6623

Sweetspot

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



114.2310, 23.0571, -22.1276



191.5350, 8.6102, -8.3622



136.0520, -2.4906, -41.2646



94.0470, 5.3998, -5.3032



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



114.2310, 23.0571, -22.1276



135.8840, 36.0462, -34.9783



99.0020, 30.5650, -3.5098



76.3740, 2.7736, -2.9590



51.1630, 46.2616, -44.8700



6.1610, 5.8366, -5.4032

Inverse Universe

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



113.8340, 2.0538, 41.3646



135.0310, 3.4357, 64.8708



150.9980, -30.5650, 3.5098



76.1470, 0.4205, 5.1331



50.0810, 4.3971, 83.2440



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 114.2310, 23.0571, -22.1276 looks on a white background.

Color Contrast Check

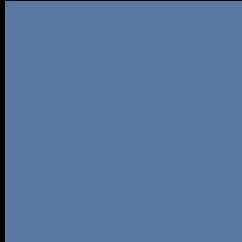
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.2310, 23.0571, -22.1276 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

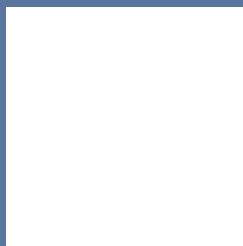
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.2310, 23.0571, -22.1276

Background



This preview shows how black text looks on a background with the YUV color 114.2310, 23.0571, -22.1276.

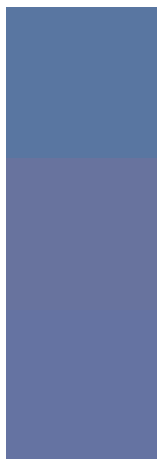


This preview shows how white text looks on a background with the YUV color 114.2310, 23.0571, -22.1276.

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

114.2310, 23.0571, -22.1276

Protanopia

116.6130, 20.4038, -11.0616

Deuteranopia

116.1720, 22.5932, -13.3058



Tritanopia

111.5820, 10.5591, -26.8204

Trichromacy



Original Color

114.2310, 23.0571, -22.1276

Protanomaly

115.8190, 21.2882, -14.7503

Deuteranomaly

115.5630, 22.8934, -16.2798

Tritanomaly

112.4450, 15.0636, -24.9463

Monochromacy



Original Color

114.2310, 23.0571, -22.1276

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8340, 8.4628, -7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2310, 23.0571, -22.1276 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(89, 118, 161)` looks like.

```
.text, #text, p{  
    color:rgb(89, 118, 161)  
}
```

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(89, 118, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 118, 161) }
```

Border

The CSS property to change the border of an element to YUV 114.2310, 23.0571, -22.1276 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(89, 118, 161) }
```


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

```
.border{ border-color:rgb(89, 118, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 118, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 118, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 118, 161);  
box-shadow:4px 4px 4px 4px rgb(89, 118,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 114.2310, 23.0571, -22.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 118, 161) }
```

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

```
.background{ background-color: rgb(89, 118,  
161) }
```

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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