

Converting Colors

YUV(115.2070, 23.0689,
20.8665)

Have a look what the booklet for
YUV(115.2070, 23.0689, 20.8665)
contains.

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Color

**YUV(115.2070, 23.0689,
20.8665)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5EA2
RGB	139, 94, 162
RGB Percent	55%, 37%, 64%
CMY	0.4549, 0.6314, 0.3647
CMYK	0.14, 0.42, 0.00, 0.36
HSL	280°, 27%, 50%
HSV	280°, 42%, 64%
XYZ	21.1718, 16.1030, 36.1747
YIQ	115.2070, 4.9920, 30.6880

Conversions

Conversions Part 2

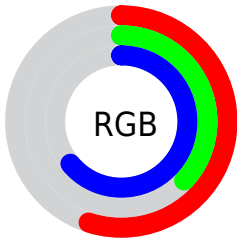
Format	Color
R_{YB}	139, 94, 162
Decimal	9133730
CIE _{Lab}	47.11, 31.07, -29.71
CIE _{LCh}	47, 42.989, 316.281
Yxy	16.1030, 0.2882, 0.2192
Android (android.graphics.Color)	4287323810 (0xFF8B5EA2)
YUV	115.2070, 23.0689, 20.8665
Hunter-Lab	40.1286, 23.9513, -25.3582

Details

The YUV color **115.2070, 23.0689, 20.8665** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.7930, -23.0689, -20.8665**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8590, 24.2265, 22.9257**, and **65.5550, 21.9114, 18.8073** is the 20% darker color. If you saturate the color by 10%, you get **104.3200, 28.4362, 26.0294**, and if you desaturate by 10%, it is **126.0940, 17.7017, 15.7036**.

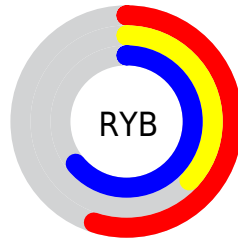
Distribution



Red (55%)

Green (37%)

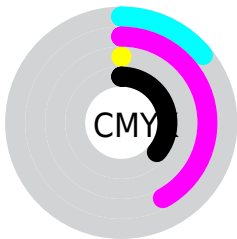
Blue (64%)



Red (55%)

Yellow (37%)

Blue (64%)

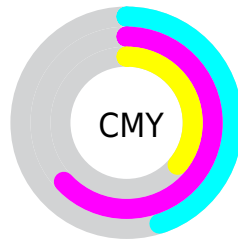


Cyan (14%)

Magenta (42%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (63%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2070, 23.0689, 20.8665 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 115.2070, 23.0689, 20.8665 by changing the saturation by 10% instead.

■ 115.2070, 23.0689,
20.8665

■ 115.2070, 23.0689,
20.8665

255.0000, 0.0000,
0.0000

■ 90.3810, 22.4902,
19.8369

■ 167.8590, 24.2265,
22.9257

■ 65.5550, 21.9114,
18.8073

■ 195.3860, 24.9527,
23.3405

■ 42.0280, 21.1852,
18.3924

■ 221.5190, 16.5061,
25.8548

■ 19.3160, 21.0432,
17.2629

■ 239.1510, 7.8136,
13.8996

■ 9.3440, 15.1134,
5.8373

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 115.2070, 23.0689,
20.8665

■ 115.2070, 23.0689,
20.8665

■ 104.3200, 28.4362,
26.0294

■ 126.0940, 17.7017,
15.7036

■ 93.1340, 33.9509,
30.5775

■ 137.2800, 12.1870,
11.1554

■ 81.6600, 39.6076,
36.2552

■ 148.7540, 6.5303,
5.4777

■ 70.4740, 45.1223,
40.8033

■ 159.9400, 1.0156,
0.9296

■ 59.5870, 50.4896,
45.9662

■ 170.8270, -4.3517,
-4.2333

■ 50.4610, 54.9887,
49.5847

■ 182.0130, -9.8664,
-8.7814

■ 192.9000,
-15.2337, -13.9443

■ 204.6730,
-21.0378, -19.0072

■ 215.5600,
-26.4051, -24.1701

Harmonies

Analogous

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



109.7330, 35.1346, -22.5678



115.2070, 23.0689, 20.8665



113.7840, 7.9945, 49.3014

Triad

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



115.2070, 23.0689, 20.8665



109.1480, -34.5830, 32.3192



91.2440, 19.5997, -80.0210

Complementary

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



115.2070, 23.0689, 20.8665



140.7930, -23.0689, -20.8665

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.



85.7380, 3.5802, -75.1922



115.2070, 23.0689, 20.8665



106.0970, -34.0648, 6.0539

Square

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



115.2070, 23.0689, 20.8665



110.3150, -24.3123, 51.4667



100.7430, -20.5793, -26.0846



93.1310, 34.4454, -81.6759

Rectangle

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



115.2070, 23.0689, 20.8665



111.5650, -3.2365, 58.2635



100.7430, -20.5793, -26.0846



89.7620, 13.9213, -78.7213

Sweetspot

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



115.2070, 23.0689, 20.8665



192.5740, 9.5770, 8.2666



115.8400, 22.7569, -19.1537



95.2270, 5.8041, 5.0629



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



115.2070, 23.0689, 20.8665



139.0140, 35.9821, 32.4367



120.9440, 15.3106, 36.0061



75.8200, 3.0467, 2.7889



45.2340, 49.1846, 44.5218



5.6400, 6.0935, 5.5777

Inverse Universe

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



116.9540, 0.0227, 39.5053



141.7980, 0.0996, 61.5672



135.0560, -15.3106, -36.0061



76.0330, -0.0163, 5.2331



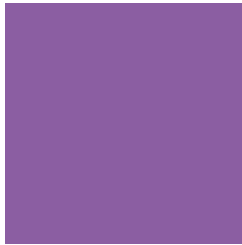
48.9410, 0.0291, 84.2437



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 115.2070, 23.0689, 20.8665 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 115.2070, 23.0689, 20.8665 looks on a black 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

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

YUV 115.2070, 23.0689, 20.8665

Background



This preview shows how black text looks on a background with the YUV color 115.2070, 23.0689, 20.8665.



This preview shows how white text looks on a background with the YUV color 115.2070, 23.0689,

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

115.2070, 23.0689, 20.8665

Protanopia

110.8320, 31.6348, -20.0237

Deuteranopia

111.6880, 23.3248, -14.6354



Tritanopia

113.6860, -0.3382, 15.1844

Trichromacy



Original Color

115.2070, 23.0689, 20.8665

Protanomaly

112.4210, 28.3864, -4.7542

Deuteranomaly

113.0640, 23.1394, -1.8101

Tritanomaly

114.2870, 8.2395, 17.2883

Monochromacy



Original Color

115.2070, 23.0689, 20.8665

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9330, 8.4140, 7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2070, 23.0689, 20.8665 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(139, 94, 162)` looks like.

```
.text, #text, p{  
    color:rgb(139, 94, 162)  
}
```

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(139, 94, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 94, 162) }
```

Border

The CSS property to change the border of an element to YUV 115.2070, 23.0689, 20.8665 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(139, 94, 162) }
```


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

```
.border{ border-color:rgb(139, 94, 162) }
```

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

Here you see how a box with a 4 pixel rgb(139, 94, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 94, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 94, 162);  
box-shadow:4px 4px 4px 4px rgb(139, 94,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 115.2070, 23.0689, 20.8665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 94, 162) }
```

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

```
.background{ background-color: rgb(139, 94,  
162) }
```

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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