

Converting Colors

YUV(95.3230, 21.0398,
111.9727)

Have a look what the booklet for
YUV(95.3230, 21.0398, 111.9727)
contains.

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Color

**YUV(95.3230, 21.0398,
111.9727)**

Conversions

Conversions Part 1

Format	Color
Hex	DF168A
RGB	223, 22, 138
RGB Percent	87%, 9%, 54%
CMY	0.1255, 0.9137, 0.4588
CMYK	0.00, 0.90, 0.38, 0.13
HSL	325°, 82%, 48%
HSV	325°, 90%, 87%
XYZ	35.3058, 18.0968, 25.6770
YIQ	95.3230, 82.5600, 78.6880

Conversions

Conversions Part 2

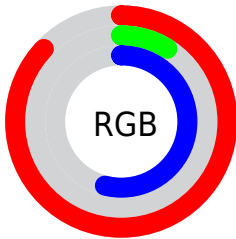
Format	Color
R_{YB}	223, 22, 138
Decimal	14620298
CIE _{Lab}	49.61, 76.61, -10.44
CIE _{LCh}	50, 77.315, 352.241
Yxy	18.0968, 0.4465, 0.2288
Android (android.graphics.Color)	4292810378 (0xFFDF168A)
YUV	95.3230, 21.0398, 111.9727
Hunter-Lab	42.5403, 73.6983, -6.0087

Details

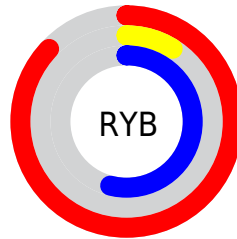
The YUV color **95.3230, 21.0398, 111.9727** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **149.6770, -21.0398, -111.9727**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1320, 17.1899, 86.7072**, and **58.4700, 14.5583, 90.7958** is the 20% darker color. If you saturate the color by 10%, you get **81.3830, 23.4752, 124.1981**, and if you desaturate by 10%, it is **109.2630, 18.6043, 99.7473**.

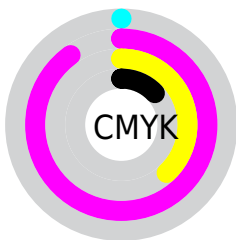
Distribution



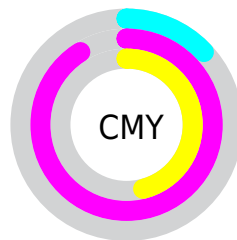
- Red (87%)
- Green (9%)
- Blue (54%)



- Red (87%)
- Yellow (9%)
- Blue (54%)



- Cyan (0%)
- Magenta (90%)
- Yellow (38%)
- Black (13%)





- Cyan (13%)
- Magenta (91%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.3230, 21.0398, 111.9727 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 95.3230, 21.0398, 111.9727 by changing the saturation by 10% instead.


 95.3230, 21.0398,
111.9727


 95.3230, 21.0398,
111.9727

255.0000, 0.0000,
0.0000

 70.2900, 21.0560,
106.7397

 156.1320, 17.1899,
86.7072


 58.4700, 14.5583,
90.7958


 176.9340, 20.7385,
68.4639


 46.8780, 8.9341,
74.6520


 197.8500, 24.7240,
50.1206

 35.4000, 3.7468,
58.4082

 216.2580, 19.0998,
33.9767

 25.0470, -1.0092,
43.8088

 233.8680, 10.4181,
18.5328

 13.2700, -6.0491,
26.9502

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 95.3230, 21.0398,
111.9727

■ 95.3230, 21.0398,
111.9727

■ 81.3830, 23.4752,
124.1981

■ 109.2630, 18.6043,
99.7473

■ 123.9040, 16.3163,
86.9072

■ 137.8440, 13.8809,
74.6818

■ 151.8980, 11.8823,
62.3565

■ 166.4250, 9.1575,
49.6163

■ 180.4790, 7.1589,
37.2909

■ 194.4190, 4.7234,
25.0655

■ 208.3590, 2.2880,
12.8402

■ 223.0000, 0.0000,
0.0000

Harmonies

Analogous

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



117.6990, 40.5744, 52.8840



95.3230, 21.0398, 111.9727



95.8650, -11.2724, 115.8824

Triad

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



95.3230, 21.0398, 111.9727



104.7260, -51.6299, -6.7757



109.2490, 55.5862, -95.8114

Complementary

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



95.3230, 21.0398, 111.9727



149.6770, -21.0398, -111.9727

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.



104.6260, 30.2574, -91.7570



95.3230, 21.0398, 111.9727



84.8020, -30.4684, -74.3714

Square

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



95.3230, 21.0398, 111.9727



111.2250, -54.8339, 41.0217



95.7000, 1.1339, -83.9289



105.9840, 70.9999, -92.9480

Rectangle

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



95.3230, 21.0398, 111.9727



104.9740, -36.9622, 95.6158



95.7000, 1.1339, -83.9289



108.0120, 48.3081, -94.7265

Sweetspot

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



95.3230, 21.0398, 111.9727



211.1910, 7.3008, 38.4205



70.0300, 75.4142, 31.5457



101.8810, 4.0027, 22.9064



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



95.3230, 21.0398, 111.9727



93.0030, 26.6205, 142.0714



84.0370, -22.2032, 121.8706



104.9730, 0.9993, 6.1627



64.2520, 18.6098, 98.0030



17.5440, 5.1548, 26.7099

Inverse Universe

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



95.3230, 21.0398, 111.9727



93.0030, 26.6205, 142.0714



160.9630, 22.2032, -121.8706



104.9730, 0.9993, 6.1627



64.2520, 18.6098, 98.0030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 95.3230, 21.0398, 111.9727 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 95.3230, 21.0398, 111.9727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

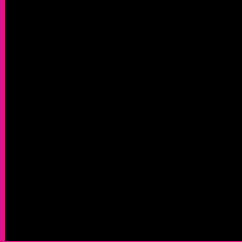
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 95.3230, 21.0398, 111.9727

Background



This preview shows how black text looks on a background with the YUV color 95.3230, 21.0398, 111.9727.



This preview shows how white text looks on a background with the YUV color 95.3230, 21.0398,

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

95.3230, 21.0398, 111.9727

Protanopia

117.2210, 38.3450, -25.6268

Deuteranopia

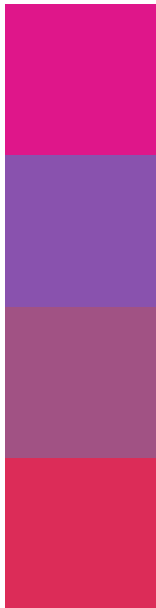
120.3580, 3.7675, 4.9480



Tritanopia

105.3670, -22.8589, 98.7791

Trichromacy



Original Color

95.3230, 21.0398, 111.9727

Protanomaly

108.9330, 32.0780, 24.6148

Deuteranomaly

111.3210, 10.1947, 43.5685

Tritanomaly

101.6400, -6.7245, 103.8017

Monochromacy



Original Color

95.3230, 21.0398, 111.9727

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0280, 7.8742, 41.1944

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3230, 21.0398, 111.9727 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(223, 22, 138)` looks like.

```
.text, #text, p{  
    color:rgb(223, 22, 138)  
}
```

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(223, 22, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 22, 138) }
```

Border

The CSS property to change the border of an element to YUV 95.3230, 21.0398, 111.9727 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(223, 22, 138) }
```


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

```
.border{ border-color:rgb(223, 22, 138) }
```

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

Here you see how a box with a 4 pixel rgb(223, 22, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 22, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 22, 138);  
box-shadow:4px 4px 4px 4px rgb(223, 22,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 95.3230, 21.0398, 111.9727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 22, 138) }
```

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

```
.background{ background-color: rgb(223, 22,  
138) }
```

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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