

Converting Colors

YUV(95.4370, 21.4766,
111.8728)

Have a look what the booklet for
YUV(95.4370, 21.4766, 111.8728)
contains.

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Color

**YUV(95.4370, 21.4766,
111.8728)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DF168B |
| RGB | 223, 22, 139 |
| RGB Percent | 87%, 9%, 55% |
| CMY | 0.1255, 0.9137, 0.4549 |
| CMYK | 0.00, 0.90, 0.38, 0.13 |
| HSL | 325°, 82%, 48% |
| HSV | 325°, 90%, 87% |
| XYZ | 35.3785, 18.1259, 26.0601 |
| YIQ | 95.4370, 82.2390, 78.9990 |

Conversions

Conversions Part 2

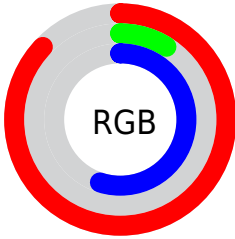
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 223, 22, 139 |
| Decimal | 14620299 |
| CIE _{Lab} | 49.65, 76.70, -10.99 |
| CIE _{LCh} | 50, 77.485, 351.847 |
| Yxy | 18.1259, 0.4447, 0.2278 |
| Android (android.graphics.Color) | 4292810379 (0xFFDF168B) |
| YUV | 95.4370, 21.4766, 111.8728 |
| Hunter-Lab | 42.5745, 73.8245, -6.4896 |

Details

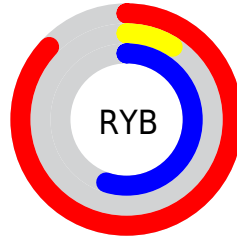
The YUV color **95.4370, 21.4766, 111.8728** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **149.5630, -21.4766, -111.8728**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2460, 17.6267, 86.6073**, and **58.5840, 14.9951, 90.6958** is the 20% darker color. If you saturate the color by 10%, you get **81.4970, 23.9120, 124.0981**, and if you desaturate by 10%, it is **109.3770, 19.0411, 99.6474**.

Distribution



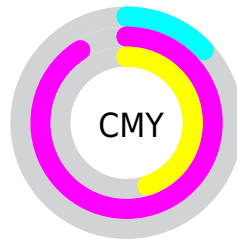
- Red (87%)
- Green (9%)
- Blue (55%)



- Red (87%)
- Yellow (9%)
- Blue (55%)



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




- Cyan (13%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.4370, 21.4766, 111.8728 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 95.4370, 21.4766, 111.8728 by changing the saturation by 10% instead.


 95.4370, 21.4766,
111.8728


 95.4370, 21.4766,
111.8728


255.0000, 0.0000,
0.0000


 70.4040, 21.4928,
106.6397


 156.2460, 17.6267,
86.6073


 58.5840, 14.9951,
90.6958


 177.0480, 21.1753,
68.3639


 46.9920, 9.3709,
74.5520


 197.9640, 25.1607,
50.0206

 35.5140, 4.1836,
58.3082

 216.2580, 19.0998,
33.9767

 25.1610, -0.5724,
43.7088

 233.8680, 10.4181,
18.5328

 13.2700, -6.0491,
26.9502

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 95.4370, 21.4766,
111.8728

■ 95.4370, 21.4766,
111.8728

■ 81.4970, 23.9120,
124.0981

■ 109.3770, 19.0411,
99.6474

■ 124.0180, 16.7531,
86.8072

■ 137.9580, 14.3177,
74.5818

■ 151.8980, 11.8823,
62.3565

■ 166.5390, 9.5943,
49.5163

■ 180.4790, 7.1589,
37.2909

■ 194.4190, 4.7234,
25.0655

■ 208.4730, 2.7248,
12.7402

■ 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.



118.1010, 40.8692, 51.6544



95.4370, 21.4766, 111.8728



95.6910, -10.6937, 116.9120

Triad

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



95.4370, 21.4766, 111.8728



105.0250, -51.7773, -6.1609



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.



95.4370, 21.4766, 111.8728



149.5630, -21.4766, -111.8728

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



95.4370, 21.4766, 111.8728



84.5740, -31.3420, -74.1714

Square

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



95.4370, 21.4766, 111.8728



111.2250, -54.8339, 41.0217



96.1730, 0.4077, -84.3437



105.9840, 70.9999, -92.9480

Rectangle

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



95.4370, 21.4766, 111.8728



104.6860, -36.8202, 96.7454



96.1730, 0.4077, -84.3437



108.4850, 47.5819, -95.1413

Sweetspot

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



95.4370, 21.4766, 111.8728



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.



95.4370, 21.4766, 111.8728



93.1170, 27.0573, 141.9714



84.0370, -22.2032, 121.8706



105.0870, 1.4361, 6.0627



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.



95.4370, 21.4766, 111.8728



93.1170, 27.0573, 141.9714



160.9630, 22.2032, -121.8706



105.0870, 1.4361, 6.0627



64.2520, 18.6098, 98.0030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 95.4370, 21.4766, 111.8728 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 95.4370, 21.4766, 111.8728 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 95.4370, 21.4766, 111.8728

Background



This preview shows how black text looks on a background with the YUV color 95.4370, 21.4766, 111.8728.



This preview shows how white text looks on a background with the YUV color 95.4370, 21.4766,

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

95.4370, 21.4766, 111.8728

Protanopia

117.1500, 39.3660, -26.4416

Deuteranopia

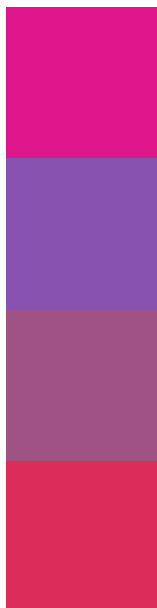
120.4720, 4.2043, 4.8481



Tritanopia

106.0680, -22.7115, 98.1644

Trichromacy



Original Color

95.4370, 21.4766, 111.8728

Protanomaly

108.8620, 33.0990, 23.8000

Deuteranomaly

111.4350, 10.6315, 43.4685

Tritanomaly

102.3410, -6.5771, 103.1869

Monochromacy



Original Color

95.4370, 21.4766, 111.8728

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 95.4370, 21.4766, 111.8728 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(223, 22, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 22, 139) }
```

Border

The CSS property to change the border of an element to YUV 95.4370, 21.4766, 111.8728 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, 139) }
```


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

```
.border{ border-color:rgb(223, 22, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 22, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 22, 139);  
box-shadow:4px 4px 4px 4px rgb(223, 22,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 95.4370, 21.4766, 111.8728 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, 139) }
```

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

```
.background{ background-color: rgb(223, 22,  
139) }
```

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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