

Converting Colors

YUV(95.1200, 21.6328, 14.8038)

Have a look what the booklet for
YUV(95.1200, 21.6328, 14.8038)
contains.

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Color

**YUV(95.1200, 21.6328,
14.8038)**

Conversions

Conversions Part 1

Format	Color
Hex	704E8B
RGB	112, 78, 139
RGB Percent	44%, 31%, 55%
CMY	0.5608, 0.6941, 0.4549
CMYK	0.19, 0.44, 0.00, 0.45
HSL	273°, 28%, 43%
HSV	273°, 44%, 55%
XYZ	14.0667, 10.7576, 25.7611
YIQ	95.1200, 0.6830, 26.1790

Conversions

Conversions Part 2

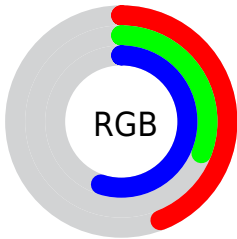
Format	Color
R_{YB}	112, 78, 139
Decimal	7360139
CIE _{Lab}	39.17, 26.68, -28.58
CIE _{LCh}	39, 39.096, 313.030
Yxy	10.7576, 0.2781, 0.2127
Android (android.graphics.Color)	4285550219 (0xFF704E8B)
YUV	95.1200, 21.6328, 14.8038
Hunter-Lab	32.7988, 19.1569, -23.6090

Details

The YUV color **95.1200, 21.6328, 14.8038** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **121.8800, -21.6328, -14.8038**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4730, 22.9378, 16.2482**, and **47.4680, 20.4753, 12.7446** is the 20% darker color. If you saturate the color by 10%, you get **85.1080, 26.5688, 18.3223**, and if you desaturate by 10%, it is **105.1320, 16.6969, 11.2852**.

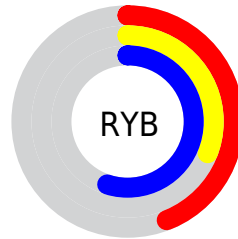
Distribution



Red (44%)

Green (31%)

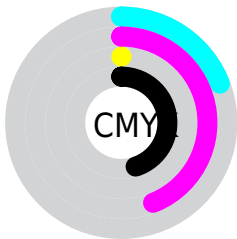
Blue (55%)



Red (44%)

Yellow (31%)

Blue (55%)

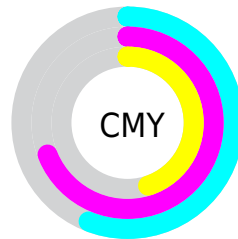


Cyan (19%)

Magenta (44%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (69%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1200, 21.6328, 14.8038 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 95.1200, 21.6328, 14.8038 by changing the saturation by 10% instead.

95.1200, 21.6328,
14.8038

95.1200, 21.6328,
14.8038

255.0000, 0.0000,
0.0000

71.1800, 20.6173,
13.8741

146.4730, 22.9378,
16.2482

47.4680, 20.4753,
12.7446

173.0000, 23.6640,
16.6630

24.9410, 19.7491,
12.3297

200.7120, 23.8060,
17.7926

10.8820, 15.8342,
7.9965

226.5030, 14.0490,
20.6069

2.9810, 8.8834,
-2.6143

244.4340, 5.2090,
9.2664

0.0000, 0.0000,
0.0000

95.1200, 21.6328,
14.8038

95.1200, 21.6328,
14.8038

85.1080, 26.5688,
18.3223

105.1320, 16.6969,
11.2852

75.0960, 31.5047,
21.8408

115.1440, 11.7610,
7.7667

65.0840, 36.4406,
25.3593

125.1560, 6.8251,
4.2482

54.7730, 41.5239,
28.2631

135.4670, 1.7418,
1.3444

45.3480, 46.1704,
31.2668

144.8920, -2.9048,
-1.6593


38.8690, 49.3646,
33.4409

154.9040, -7.8407,
-5.1778

164.9160,
-12.7766, -8.6963

174.9280,

-17.7125, -12.2149

 184.9400,
-22.6484, -15.7334

Harmonies

Analogous

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



88.6140, 32.2353, -25.9715



95.1200, 21.6328, 14.8038



93.6690, 9.0372, 41.5093

Triad

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



95.1200, 21.6328, 14.8038



89.6900, -29.9202, 30.0899



75.4800, 15.0464, -66.1960

Complementary

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



95.1200, 21.6328, 14.8038



121.8800, -21.6328, -14.8038

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.



71.1310, 0.9214, -62.3819



95.1200, 21.6328, 14.8038



87.3190, -30.7233, 7.6132

Square

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



95.1200, 21.6328, 14.8038



91.0200, -20.2229, 46.4635



83.0150, -19.7274, -19.3072



77.6120, 28.2923, -68.0657

Rectangle

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



95.1200, 21.6328, 14.8038



92.0910, -1.0309, 50.7862



83.0150, -19.7274, -19.3072



74.2260, 10.2416, -65.0962

Sweetspot

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



95.1200, 21.6328, 14.8038



164.5090, 8.1301, 5.6926



100.8030, 18.8311, -19.9982



81.1020, 5.3727, 3.4185



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



95.1200, 21.6328, 14.8038



112.0900, 33.9726, 23.6001



102.8510, 16.3425, 31.7027



63.9940, 2.4680, 1.7593



37.2880, 47.1860, 32.1964



1.4670, 1.7418, 1.3444

Inverse Universe

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



99.3170, 2.8017, 34.8020



118.6060, 4.6312, 54.7195



114.1490, -16.3425, -31.7027



64.4350, 0.2785, 4.0035



46.4930, 6.1660, 75.8666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 95.1200, 21.6328, 14.8038 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 95.1200, 21.6328, 14.8038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

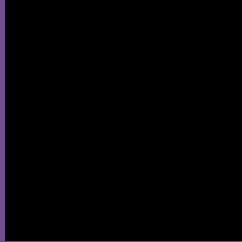
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1200, 21.6328, 14.8038

Background



This preview shows how black text looks on a background with the YUV color 95.1200, 21.6328, 14.8038.



This preview shows how white text looks on a background with the YUV color 95.1200, 21.6328,

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

95.1200, 21.6328, 14.8038

Protanopia

91.1480, 29.0140, -19.4238

Deuteranopia

91.6340, 21.8724, -15.4650



Tritanopia

93.8810, 0.5517, 9.7514

Trichromacy



Original Color

95.1200, 21.6328, 14.8038

Protanomaly

92.5410, 26.3553, -6.6135

Deuteranomaly

92.9990, 21.6925, -4.3841

Tritanomaly

94.2540, 8.2558, 12.0552

Monochromacy



Original Color

95.1200, 21.6328, 14.8038

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0960, 7.8407, 5.1778

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1200, 21.6328, 14.8038 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(112, 78, 139)` looks like.

```
.text, #text, p{  
    color:rgb(112, 78, 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(112, 78, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 78, 139) }
```

Border

The CSS property to change the border of an element to YUV 95.1200, 21.6328, 14.8038 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(112, 78, 139) }
```


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

```
.border{ border-color:rgb(112, 78, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 78, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 78, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 78, 139);  
box-shadow:4px 4px 4px 4px rgb(112, 78,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 95.1200, 21.6328, 14.8038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 78, 139) }
```

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

```
.background{ background-color: rgb(112, 78,  
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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