

Converting Colors

YUV(95.6400, 12.9955, 31.8877)

Have a look what the booklet for
YUV(95.6400, 12.9955, 31.8877)
contains.

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Color

**YUV(95.6400, 12.9955,
31.8877)**

Conversions

Conversions Part 1	
Format	Color
Hex	84487A
RGB	132, 72, 122
RGB Percent	52%, 28%, 48%
CMY	0.4824, 0.7176, 0.5216
CMYK	0.00, 0.45, 0.08, 0.48
HSL	310°, 29%, 40%
HSV	310°, 45%, 52%
XYZ	15.3459, 10.9454, 19.7162
YIQ	95.6400, 19.7100, 28.2700

Conversions

Conversions Part 2

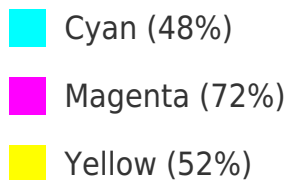
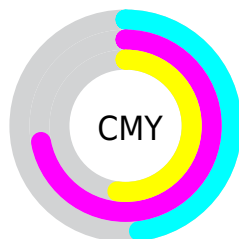
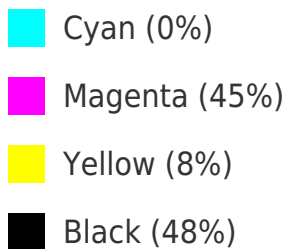
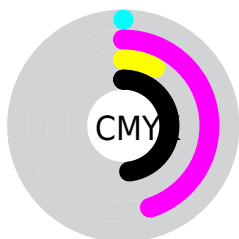
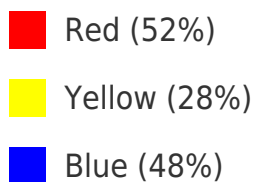
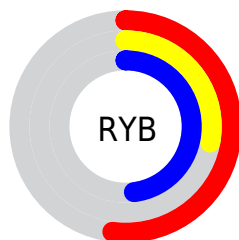
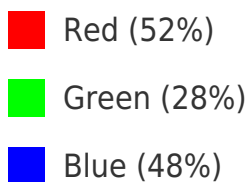
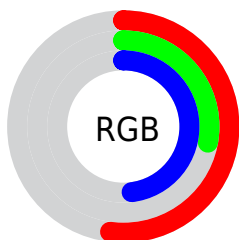
Format	Color
RYB	132, 72, 122
Decimal	8669306
CIELab	39.49, 33.09, -17.48
CIELCh	39, 37.422, 332.154
Yxy	10.9454, 0.3336, 0.2379
Android (android.graphics.Color)	4286859386 (0xFF84487A)
YUV	95.6400, 12.9955, 31.8877
Hunter-Lab	33.0838, 24.9005, -12.1750

Details

The YUV color **95.6400, 12.9955, 31.8877** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **108.3600, -12.9955, -31.8877**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1780, 13.7162, 34.0469**, and **46.6290, 13.0009, 30.1434** is the 20% darker color. If you saturate the color by 10%, you get **87.7810, 15.8840, 38.7801**, and if you desaturate by 10%, it is **103.4990, 10.1070, 24.9954**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 95.6400, 12.9955, 31.8877 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 95.6400, 12.9955, 31.8877 by changing the saturation by 10% instead.


 95.6400, 12.9955,
31.8877


 95.6400, 12.9955,
31.8877


255.0000, 0.0000,
0.0000


 70.9280, 12.8535,
30.7581

 147.1780, 13.7162,
34.0469


 46.6290, 13.0009,
30.1434


 174.7760, 13.4214,
35.2764

 22.4440, 13.5851,
29.4286


 202.1890, 13.7108,
35.7912


 14.4830, 7.6499,
19.7474


 224.4760, 15.0483,
26.7695

 0.0000, 0.0000,
0.0000


 241.4990, 6.6560,
11.8404


 95.6400, 12.9955,
31.8877


 95.6400, 12.9955,
31.8877


 87.7810, 15.8840,
38.7801


 103.4990, 10.1070,
24.9954

 79.9220, 18.7725,
45.6724


 111.3580, 7.2185,
18.1030

 71.3620, 21.5135,
53.1795


 119.9180, 4.4774,
10.5959

 63.5030, 24.4020,
60.0719

 127.7770, 1.5889,
3.7036

 55.6440, 27.2905,
66.9642

 135.6360, -1.2995,
-3.1888


 52.0080, 28.5901,
70.1530

 143.4950, -4.1880,
-10.0811

 151.3540, -7.0765,
-16.9735

 159.9140, -9.8176,

-24.4806

 167.7730,
-12.7061, -31.3729

Harmonies

Analogous

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



94.8410, 24.7284, 1.8934



95.6400, 12.9955, 31.8877



93.4820, -0.7306, 47.8123

Triad

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



95.6400, 12.9955, 31.8877



89.4880, -30.3136, 16.2350



77.0590, 23.6349, -67.5807

Complementary

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



95.6400, 12.9955, 31.8877



108.3600, -12.9955, -31.8877

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.



74.1120, 9.8048, -64.9962



95.6400, 12.9955, 31.8877



86.6420, -23.9805, -8.4560

Square

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



95.6400, 12.9955, 31.8877



91.4610, -25.8633, 35.5527



79.2710, -8.0216, -40.5797



77.6920, 33.6758, -68.1359

Rectangle

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



95.6400, 12.9955, 31.8877



92.6750, -10.1928, 49.3970



79.2710, -8.0216, -40.5797



76.5060, 18.9775, -67.0958

Sweetspot

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



95.6400, 12.9955, 31.8877



156.4560, 5.1982, 12.7551



81.8300, 24.7338, 0.1491



77.8530, 3.0305, 8.0219



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



95.6400, 12.9955, 31.8877



113.9980, 20.2140, 49.9908



92.2200, -0.1085, 34.8871



62.3640, 1.2995, 3.1888



51.1820, 28.0113, 69.1234



1.1250, 0.4314, 1.6444

Inverse Universe

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



95.6400, 12.9955, 31.8877



113.9980, 20.2140, 49.9908



111.7800, 0.1085, -34.8871



62.3640, 1.2995, 3.1888



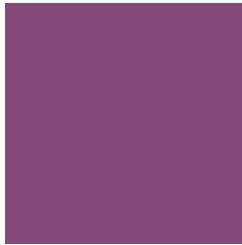
51.1820, 28.0113, 69.1234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 95.6400, 12.9955, 31.8877 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 95.6400, 12.9955, 31.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

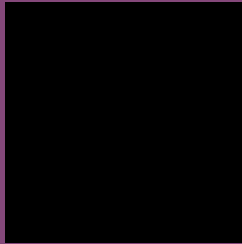
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6400, 12.9955, 31.8877

Background



This preview shows how black text looks on a background with the YUV color 95.6400, 12.9955, 31.8877.



This preview shows how white text looks on a background with the YUV color 95.6400, 12.9955,

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

95.6400, 12.9955, 31.8877

Protanopia

92.9440, 21.7196, -13.1059

Deuteranopia





94.4800, 12.0884, -3.9290




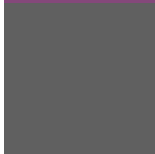

Tritanopia

95.0360, -4.4547, 28.9094

Trichromacy

	Original Color 95.6400, 12.9955, 31.8877
	Protanomaly 94.2450, 18.6132, 3.2931
	Deuteranomaly 94.9700, 12.3398, 8.7963
	Tritanomaly 95.0560, 1.9444, 29.7689

Monochromacy

	Original Color 95.6400, 12.9955, 31.8877
	Achromatopsia 96.0000, 0.0000, 0.0000
	Achromatomaly 95.6300, 4.6194, 11.7255

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6400, 12.9955, 31.8877 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(132, 72, 122)` looks like.

```
.text, #text, p{  
    color:rgb(132, 72, 122)  
}
```

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(132, 72, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 72, 122) }
```

Border

The CSS property to change the border of an element to YUV 95.6400, 12.9955, 31.8877 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(132, 72, 122) }
```

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

```
.border{ border-color:rgb(132, 72, 122) }
```

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

Here you see how a box with a 4 pixel rgb(132, 72, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 72, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 72, 122);  
box-shadow:4px 4px 4px 4px rgb(132, 72,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 95.6400, 12.9955, 31.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 72, 122) }
```

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

```
.background{ background-color: rgb(132, 72,  
122) }
```

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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