

Converting Colors

YUV(103.3020, -0.6419,
112.8681)

Have a look what the booklet for
YUV(103.3020, -0.6419, 112.8681)
contains.

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Color

**YUV(103.3020, -0.6419,
112.8681)**

Conversions

Conversions Part 1

Format	Color
Hex	E82666
RGB	232, 38, 102
RGB Percent	91%, 15%, 40%
CMY	0.0902, 0.8510, 0.6000
CMYK	0.00, 0.84, 0.56, 0.09
HSL	340°, 81%, 53%
HSV	340°, 84%, 91%
XYZ	36.3701, 19.5013, 14.4176
YIQ	103.3020, 95.0800, 61.0320

Conversions

Conversions Part 2

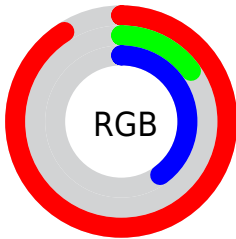
Format	Color
RYB	232, 38, 102
Decimal	15214182
CIELab	51.27, 73.05, 14.04
CIELCh	51, 74.385, 10.881
Yxy	19.5013, 0.5174, 0.2774
Android (android.graphics.Color)	4293404262 (0xFFE82666)
YUV	103.3020, -0.6419, 112.8681
Hunter-Lab	44.1603, 69.7306, 11.5551

Details

The YUV color **103.3020, -0.6419, 112.8681** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **166.6980, 0.6419, -112.8681**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9090, -1.4341, 86.9028**, and **56.9150, -0.4511, 98.2985** is the 20% darker color. If you saturate the color by 10%, you get **87.9770, -0.9747, 126.3082**, and if you desaturate by 10%, it is **118.6270, -0.3091, 99.4281**.

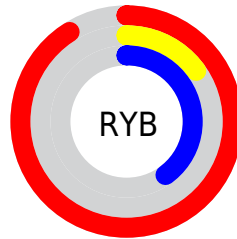
Distribution



Red (91%)

Green (15%)

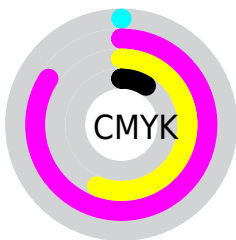
Blue (40%)



Red (91%)

Yellow (15%)

Blue (40%)

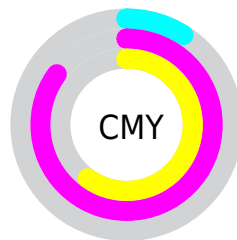


Cyan (0%)

Magenta (84%)

Yellow (56%)

Black (9%)



Cyan (9%)


Magenta (85%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.3020, -0.6419, 112.8681 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 103.3020, -0.6419, 112.8681 by changing the saturation by 10% instead.


 103.3020, -0.6419,
112.8681

 103.3020, -0.6419,
112.8681


255.0000, 0.0000,
0.0000

 68.6920, 4.5888,
115.1571


 155.9090, -1.4341,
86.9028

 56.9150, -0.4511,
98.2985


 176.4830, 1.2409,
68.8594

 45.2520, -5.0542,
81.3400


 197.2850, 4.7895,
50.6161

 33.8880, -9.8048,
64.9962

 218.0870, 8.3381,
32.3727

 23.7780, -9.7506,
47.5527

 237.3900, 8.6817,
15.4440

 14.2810, -6.0545,
28.6946

 0.0000, 0.0000,

0.0000

■ 103.3020, -0.6419,
112.8681

■ 103.3020, -0.6419,
112.8681

■ 87.9770, -0.9747,
126.3082

■ 118.6270, -0.3091,
99.4281

■ 78.1460, -0.5650,
134.9300

■ 133.8380, -0.4131,
86.0881

■ 149.7500, -0.3697,
72.1333

■ 164.9610, -0.4738,
58.7932

■ 180.2860, -0.1410,
45.3532

■ 195.4970, -0.2450,
32.0131

210.8220, 0.0878,
18.5731

226.6200, -0.3057,
4.7183

241.9450, 0.0271,
-8.7218

Harmonies

Analogous

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



114.1950, 25.0469, 86.6520



103.3020, -0.6419, 112.8681



110.8320, -34.9202, 93.9863

Triad

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



103.3020, -0.6419, 112.8681



97.1300, -47.8851, -41.3330



109.8820, 65.6272, -96.3665

Complementary

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



103.3020, -0.6419, 112.8681



166.6980, 0.6419, -112.8681

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.



110.2460, 46.7137, -96.6857



103.3020, -0.6419, 112.8681



95.1810, -8.4702, -83.4737

Square

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



103.3020, -0.6419, 112.8681



112.5220, -55.4733, 12.6972



104.4660, 19.4903, -91.6167



100.5870, 73.1676, -88.2148

Rectangle

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



103.3020, -0.6419, 112.8681



113.4830, -55.9471, 71.4904



104.4660, 19.4903, -91.6167



111.2040, 60.5384, -97.5259

Sweetspot

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



103.3020, -0.6419, 112.8681



212.5300, -0.2613, 37.2462



98.6870, 65.7233, 59.9105



102.1430, -0.0705, 22.6766



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.



103.3020, -0.6419, 112.8681



85.8210, -0.8978, 148.3700



114.7900, -37.8575, 102.7932



107.0440, -0.0217, 6.9774



60.2470, -0.6148, 104.1464



17.1870, -0.0922, 29.6540

Inverse Universe

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



103.3020, -0.6419, 112.8681



85.8210, -0.8978, 148.3700



155.2100, 37.8575, -102.7932



107.0440, -0.0217, 6.9774



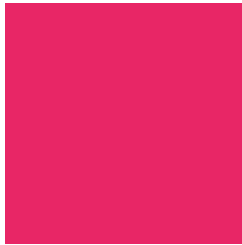
60.2470, -0.6148, 104.1464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 103.3020, -0.6419, 112.8681 looks on a white background.

Color Contrast Check

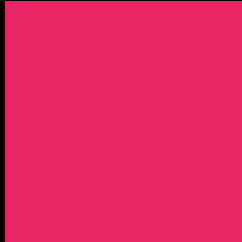
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 103.3020, -0.6419, 112.8681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

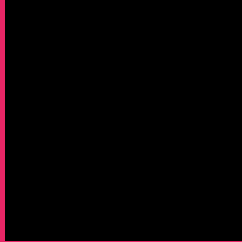
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 103.3020, -0.6419, 112.8681

Background



This preview shows how black text looks on a background with the YUV color 103.3020, -0.6419, 112.8681.

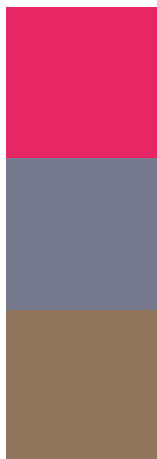


This preview shows how white text looks on a background with the YUV color 103.3020, -0.6419,

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

103.3020, -0.6419, 112.8681

Protanopia

123.3830, 9.1782, -3.8439

Deuteranopia

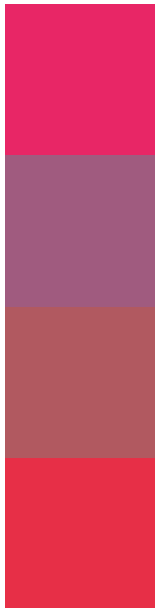
123.2230, -14.8999, 19.0984



Tritanopia

105.3360, -25.8016, 109.3303

Trichromacy



Original Color

103.3020, -0.6419, 112.8681

Protanomaly

115.7350, 5.5536, 38.8204

Deuteranomaly

116.1100, -9.9142, 53.4005

Tritanomaly

104.7520, -16.6397, 110.7195

Monochromacy



Original Color

103.3020, -0.6419, 112.8681

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9650, 0.0173, 41.2497

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3020, -0.6419, 112.8681 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(232, 38, 102)` looks like.

```
.text, #text, p{  
    color:rgb(232, 38, 102)  
}
```

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(232, 38, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 38, 102) }
```

Border

The CSS property to change the border of an element to YUV 103.3020, -0.6419, 112.8681 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(232, 38, 102) }
```


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

```
.border{ border-color:rgb(232, 38, 102) }
```

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

Here you see how a box with a 4 pixel rgb(232, 38, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 38, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 38, 102);  
box-shadow:4px 4px 4px 4px rgb(232, 38,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 103.3020, -0.6419, 112.8681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 38, 102) }
```

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

```
.background{ background-color: rgb(232, 38,  
102) }
```

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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