

Converting Colors

YUV(112.9960, 0.0020, 92.9655)

Have a look what the booklet for
YUV(112.9960, 0.0020, 92.9655)
contains.

YUV(112.9960, 0.0020, 92.9655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(112.9960, 0.0020,
92.9655)**

Conversions

Conversions Part 1

Format	Color
Hex	DB3B71
RGB	219, 59, 113
RGB Percent	86%, 23%, 44%
CMY	0.1412, 0.7686, 0.5569
CMYK	0.00, 0.73, 0.48, 0.14
HSL	340°, 69%, 55%
HSV	340°, 73%, 86%
XYZ	33.7580, 19.3803, 17.5843
YIQ	112.9960, 78.0260, 50.7140

Conversions

Conversions Part 2

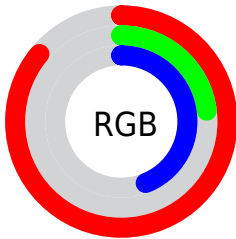
Format	Color
R_{YB}	219, 59, 113
Decimal	14367601
CIE _{Lab}	51.13, 64.74, 6.83
CIE _{LCh}	51, 65.101, 6.018
Yxy	19.3803, 0.4773, 0.2740
Android (android.graphics.Color)	4292557681 (0xFFDB3B71)
YUV	112.9960, 0.0020, 92.9655
Hunter-Lab	44.0230, 59.8383, 7.1336

Details

The YUV color **112.9960, 0.0020, 92.9655** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **165.0040, -0.0020, -92.9655**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3210, 0.3347, 79.5255**, and **54.7660, 5.5384, 90.5362** is the 20% darker color. If you saturate the color by 10%, you get **98.3720, -0.1834, 105.7908**, and if you desaturate by 10%, it is **127.6200, 0.1873, 80.1403**.

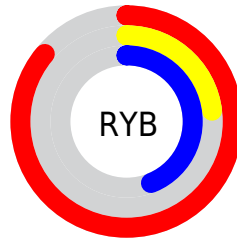
Distribution



Red (86%)

Green (23%)

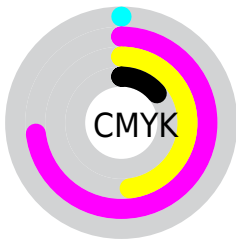
Blue (44%)



Red (86%)

Yellow (23%)

Blue (44%)

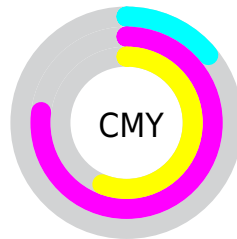


Cyan (0%)

Magenta (73%)

Yellow (48%)

Black (14%)



Cyan (14%)


Magenta (77%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.9960, 0.0020, 92.9655 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 112.9960, 0.0020, 92.9655 by changing the saturation by 10% instead.


 112.9960, 0.0020,
92.9655

 112.9960, 0.0020,
92.9655

255.0000, 0.0000,
0.0000


 78.0980, 5.3747,
96.3841


 164.3210, 0.3347,
79.5255


 54.7660, 5.5384,
90.5362


 184.4220, 3.7360,
61.8969

 43.2880, 0.3510,
74.2924


 204.5230, 7.1372,
44.2683

 32.3370, -4.1101,
58.4635

 224.8520, 11.4120,
26.4398

 21.5710, -9.1555,
43.3492

 243.2600, 5.7878,
10.2960

 12.0740, -5.4595,
24.4911

 0.0000, 0.0000,

0.0000

■ 112.9960, 0.0020,
92.9655

■ 112.9960, 0.0020,
92.9655

■ 98.3720, -0.1834,
105.7908

■ 127.6200, 0.1873,
80.1403

■ 83.8620, 0.0680,
118.5160

■ 142.1300, -0.0641,
67.4150

■ 73.9170, 0.0409,
127.2378

■ 156.7540, 0.1213,
54.5897

■ 171.2640, -0.1302,
41.8645

■ 185.3010, 0.3446,
29.5540

■ 199.8110, 0.0932,
16.8288

■ 214.4350, 0.2785,
4.0035

■ 228.9450, 0.0271,
-8.7218

■ 242.9820, 0.5019,
-21.0322

Harmonies

Analogous

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



120.6070, 23.3647, 66.1197



112.9960, 0.0020, 92.9655



114.7260, -27.4729, 85.3093

Triad

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



112.9960, 0.0020, 92.9655



104.6960, -46.1921, -24.2894



107.1290, 57.6174, -93.9521

Complementary

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



112.9960, 0.0020, 92.9655



165.0040, -0.0020, -92.9655

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.



106.9060, 38.9933, -93.7566



112.9960, 0.0020, 92.9655



92.9640, -9.3493, -81.5294

Square

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



112.9960, 0.0020, 92.9655



113.1640, -55.7899, 20.9042



101.3370, 15.1169, -88.8725



99.9370, 65.6001, -87.6447

Rectangle

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



112.9960, 0.0020, 92.9655



115.3330, -45.0272, 68.9910



101.3370, 15.1169, -88.8725



107.7500, 52.3813, -94.4968

Sweetspot

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



112.9960, 0.0020, 92.9655



217.9100, 0.0444, 32.5279



108.3360, 54.5574, 47.9403



105.5340, 0.2297, 19.7027



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.



112.9960, 0.0020, 92.9655



106.5260, -0.2593, 130.2117



120.9280, -30.5305, 86.0091



102.6310, -0.3111, 6.4626



58.4530, 0.2697, 100.4577



15.4640, -0.2288, 26.7801

Inverse Universe

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



112.9960, 0.0020, 92.9655



106.5260, -0.2593, 130.2117



157.0720, 30.5305, -86.0091



102.6310, -0.3111, 6.4626



58.4530, 0.2697, 100.4577



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 112.9960, 0.0020, 92.9655 looks on a white background.

Color Contrast Check

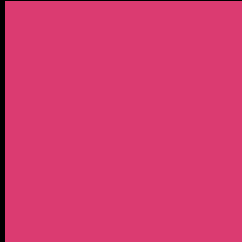
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9960, 0.0020, 92.9655 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 112.9960, 0.0020, 92.9655

Background



This preview shows how black text looks on a background with the YUV color 112.9960, 0.0020, 92.9655.



This preview shows how white text looks on a background with the YUV color 112.9960, 0.0020,

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

112.9960, 0.0020, 92.9655

Protanopia

122.8820, 12.3832, -5.1585

Deuteranopia

123.0960, -8.9213, 14.8248



Tritanopia

113.5940, -20.5058, 90.6871

Trichromacy



Original Color

112.9960, 0.0020, 92.9655

Protanomaly

118.9620, 7.9067, 30.7283

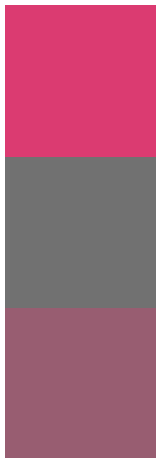
Deuteranomaly

119.7820, -5.8085, 43.1642

Tritanomaly

113.2550, -12.9437, 91.8614

Monochromacy



Original Color

112.9960, 0.0020, 92.9655

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9210, 0.0389, 34.2723

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9960, 0.0020, 92.9655 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(219, 59, 113)` looks like.

```
.text, #text, p{  
    color:rgb(219, 59, 113)  
}
```

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(219, 59, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 59, 113) }
```

Border

The CSS property to change the border of an element to YUV 112.9960, 0.0020, 92.9655 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(219, 59, 113) }
```


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

```
.border{ border-color:rgb(219, 59, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 59, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 59, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 59, 113);  
box-shadow:4px 4px 4px 4px rgb(219, 59,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 112.9960, 0.0020, 92.9655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 59, 113) }
```

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

```
.background{ background-color: rgb(219, 59,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor