

Converting Colors

YUV(166.6320, 5.1114, 40.6647)

Have a look what the booklet for
YUV(166.6320, 5.1114, 40.6647)
contains.

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Color

**YUV(166.6320, 5.1114,
40.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	D58DB1
RGB	213, 141, 177
RGB Percent	84%, 55%, 69%
CMY	0.1647, 0.4471, 0.3059
CMYK	0.00, 0.34, 0.17, 0.16
HSL	330°, 46%, 69%
HSV	330°, 34%, 84%
XYZ	44.9013, 36.3702, 46.2486
YIQ	166.6320, 31.3560, 26.4600

Conversions

Conversions Part 2

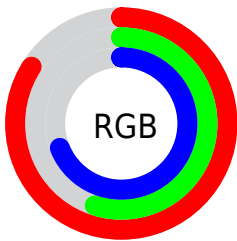
Format	Color
R_{YB}	213, 141, 177
Decimal	13995441
CIE _{Lab}	66.80, 32.51, -7.58
CIE _{LCh}	67, 33.380, 346.877
Yxy	36.3702, 0.3521, 0.2852
Android (android.graphics.Color)	4292185521 (0xFFD58DB1)
YUV	166.6320, 5.1114, 40.6647
Hunter-Lab	60.3077, 27.3611, -3.2527

Details

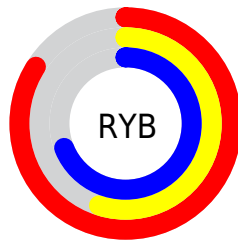
The YUV color **166.6320, 5.1114, 40.6647** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **187.3680, -5.1114, -40.6647**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2720, 7.7539, 33.0875**, and **113.9090, 4.9749, 37.7908** is the 20% darker color. If you saturate the color by 10%, you get **153.0510, 6.3839, 52.5753**, and if you desaturate by 10%, it is **180.2130, 3.8390, 28.7542**.

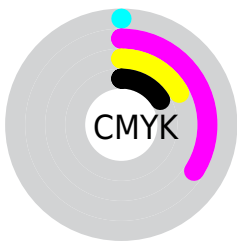
Distribution



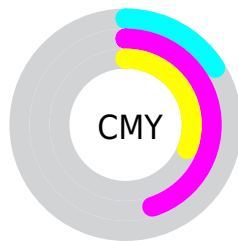
- Red (84%)
- Green (55%)
- Blue (69%)



- Red (84%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.6320, 5.1114, 40.6647 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 166.6320, 5.1114, 40.6647 by changing the saturation by 10% instead.

 166.6320, 5.1114,
40.6647


 166.6320, 5.1114,
40.6647

255.0000, 0.0000,
0.0000


 139.9200, 4.9694,
39.5352

 217.2720, 7.7539,
33.0875

 113.9090, 4.9749,
37.7908

 236.8030, 8.9711,
15.9588

 88.4250, 5.7065,
36.4613

 253.8260, 0.5788,
1.0296

 63.8270, 6.0013,
35.2317

 38.7560, 7.0223,
34.4170

 19.7940, 6.0176,
29.9987

 10.2520, -2.0962,

19.0730

■ 0.0000, 0.0000,
0.0000

■ 166.6320, 5.1114,
40.6647

■ 166.6320, 5.1114,
40.6647

■ 153.0510, 6.3839,
52.5753

■ 180.2130, 3.8390,
28.7542

■ 138.9970, 8.3825,
64.9006

■ 194.2670, 1.8404,
16.4288

■ 125.4160, 9.6549,
76.8112

■ 207.8480, 0.5679,
4.5183

■ 111.8350, 10.9273,
88.7217

■ 221.4290, -0.7045,
-7.3922

■ 98.3680, 12.6366,
100.5323

■ 235.4830, -2.7031,
-19.7176

■ 84.2000, 14.1984,
112.9576

■ 240.8460, 0.0759,
-24.4209

■ 75.8850, 15.3397,
120.2499

■ 242.1000, 4.8807,
-25.5207

■ 242.4420, 6.1911,
-25.8206

Harmonies

Analogous

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



166.6320, 18.4224, 17.8627



166.6320, 5.1114, 40.6647



165.3160, -9.0298, 49.7119

Triad

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



166.6320, 5.1114, 40.6647



158.9320, -27.0815, 6.1986



144.0240, 30.0612, -75.4430

Complementary

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



166.6320, 5.1114, 40.6647



187.3680, -5.1114, -40.6647

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.



143.7180, 17.3940, -72.5437



166.6320, 5.1114, 40.6647



155.4000, -16.9592, -20.5218

Square

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



166.6320, 5.1114, 40.6647



161.7330, -28.4624, 29.1752



149.7630, -0.8692, -48.0272



153.8840, 32.5952, -48.1333

Rectangle

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



166.6320, 5.1114, 40.6647



164.6010, -18.0443, 47.7079



149.7630, -0.8692, -48.0272



142.3180, 27.4512, -78.3319

Sweetspot

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



166.6320, 5.1114, 40.6647



238.8430, 1.5564, 14.1697



159.9720, 26.1428, 14.9336



117.6960, 1.1359, 9.0366



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.



166.6320, 5.1114, 40.6647



187.4370, 7.6726, 59.2528



162.5280, -10.6133, 44.2639



99.9730, 0.9993, 6.1627



60.8190, 11.9212, 96.6287



15.3650, 3.2711, 24.2359

Inverse Universe

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



166.6320, 5.1114, 40.6647



187.4370, 7.6726, 59.2528



191.4720, 10.6133, -44.2639



99.9730, 0.9993, 6.1627



60.8190, 11.9212, 96.6287



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 166.6320, 5.1114, 40.6647 looks on a white background.

Color Contrast Check

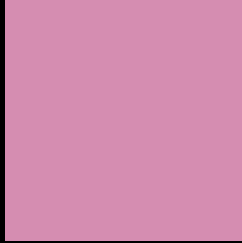
Large Text (above 18pt) WCAG AA × Fail

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 166.6320, 5.1114, 40.6647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

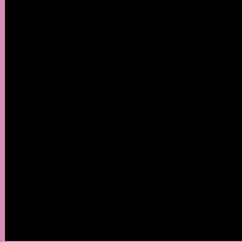
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.6320, 5.1114, 40.6647

Background



This preview shows how black text looks on a background with the YUV color 166.6320, 5.1114, 40.6647.



This preview shows how white text looks on a background with the YUV color 166.6320, 5.1114,

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

166.6320, 5.1114, 40.6647

Protanopia

163.9960, 12.8200, -5.2585

Deuteranopia

164.6080, 4.6303, 8.2368



Tritanopia

165.9880, -4.9241, 39.4755

Trichromacy



Original Color

166.6320, 5.1114, 40.6647

Protanomaly

164.7100, 10.0030, 11.6553

Deuteranomaly

165.3860, 4.7397, 19.8325

Tritanomaly

166.6120, -1.2877, 39.8053

Monochromacy



Original Color

166.6320, 5.1114, 40.6647

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.2560, 1.8458, 14.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6320, 5.1114, 40.6647 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(213, 141, 177)` looks like.

```
.text, #text, p{  
    color:rgb(213, 141, 177)  
}
```

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(213, 141, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 141, 177) }
```

Border

The CSS property to change the border of an element to YUV 166.6320, 5.1114, 40.6647 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(213, 141, 177) }
```


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

```
.border{ border-color:rgb(213, 141, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 141, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 141, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 141, 177);  
box-shadow:4px 4px 4px 4px rgb(213, 141,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 166.6320, 5.1114, 40.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 141, 177) }
```

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

```
.background{ background-color: rgb(213,  
141, 177) }
```

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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