

Converting Colors

YUV(175.1040, 5.8647, 32.3578)

Have a look what the booklet for
YUV(175.1040, 5.8647, 32.3578)
contains.

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Color

**YUV(175.1040, 5.8647,
32.3578)**

Conversions

Conversions Part 1

Format	Color
Hex	D49ABB
RGB	212, 154, 187
RGB Percent	83%, 60%, 73%
CMY	0.1686, 0.3961, 0.2667
CMYK	0.00, 0.27, 0.12, 0.17
HSL	326°, 40%, 72%
HSV	326°, 27%, 83%
XYZ	47.6766, 40.6961, 52.3560
YIQ	175.1040, 23.9750, 22.5590

Conversions

Conversions Part 2

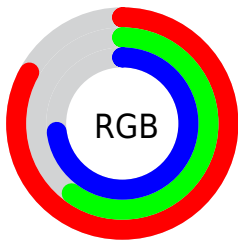
Format	Color
R _Y B	212, 154, 187
Decimal	13933243
CIE Lab	69.96, 26.75, -8.48
CIE LCh	70, 28.059, 342.418
Yxy	40.6961, 0.3388, 0.2892
Android (android.graphics.Color)	4292123323 (0xFFD49ABB)
YUV	175.1040, 5.8647, 32.3578
Hunter-Lab	63.7935, 21.7649, -4.0045

Details

The YUV color $175.1040, 5.8647, 32.3578$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $190.8960, -5.8647, -32.3578$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.6300, 8.0704, 24.8805$, and $122.0930, 5.8702, 30.6134$ is the 20% darker color. If you saturate the color by 10%, you get $161.7510, 8.0108, 44.0684$, and if you desaturate by 10%, it is $188.4570, 3.7187, 20.6472$.

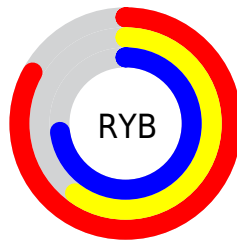
Distribution



Red (83%)

Green (60%)

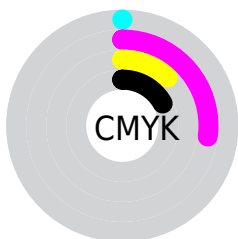
Blue (73%)



Red (83%)

Yellow (60%)

Blue (73%)

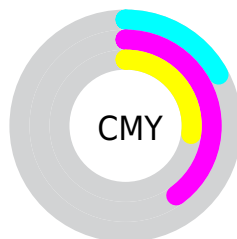


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (17%)



Cyan (17%)

Magenta (40%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.1040, 5.8647, 32.3578 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 175.1040, 5.8647, 32.3578 by changing the saturation by 10% instead.


 175.1040, 5.8647,
32.3578


 175.1040, 5.8647,
32.3578


255.0000, 0.0000,
0.0000

 148.3920, 5.7227,
31.2282

 226.6300, 8.0704,
24.8805


 122.0930, 5.8702,
30.6134

 244.4340, 5.2090,
9.2664

 97.0820, 5.8756,
28.8691

 72.3700, 5.7336,
27.7395

 48.7720, 6.0284,
26.5100

 25.0000, 6.9020,
26.3100

 13.2290, 2.8451,

20.8472

■ 0.0000, 0.0000,
0.0000

■ 175.1040, 5.8647,
32.3578

■ 175.1040, 5.8647,
32.3578

■ 161.7510, 8.0108,
44.0684

■ 188.4570, 3.7187,
20.6472

■ 148.3980, 10.1568,
55.7790

■ 201.8100, 1.5727,
8.9366

■ 134.4580, 12.5922,
68.0043

■ 215.7500, -0.8628,
-3.2887

■ 120.9910, 14.3014,
79.8149

■ 229.2170, -2.5720,
-15.0993

■ 107.6380, 16.4475,
91.5255

■ 239.6350, -3.2711,
-24.2359

■ 94.2850, 18.5935,
103.2361

■ 240.6610, 0.6601,
-25.1357

■ 80.9320, 20.7395,
114.9466

■ 241.6870, 4.5913,
-26.0355

■ 77.1820, 21.6023,
118.2354

■ 242.1430, 6.3385,
-26.4354

Harmonies

Analogous

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



174.5450, 16.9863, 11.8000



175.1040, 5.8647, 32.3578



173.9560, -6.3873, 42.1346

Triad

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



175.1040, 5.8647, 32.3578



168.8660, -23.5979, 8.8875



158.7830, 22.2920, -56.8147

Complementary

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



175.1040, 5.8647, 32.3578



190.8960, -5.8647, -32.3578

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.



158.2320, 11.2246, -53.7005



175.1040, 5.8647, 32.3578



165.6720, -16.1073, -13.7443

Square

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



175.1040, 5.8647, 32.3578



170.9870, -23.6576, 28.0754



161.8570, -3.3805, -35.8316



164.7340, 26.7531, -40.9857

Rectangle

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



175.1040, 5.8647, 32.3578



173.0070, -13.8075, 42.0899



161.8570, -3.3805, -35.8316



157.9740, 19.2398, -57.8592

Sweetspot

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



175.1040, 5.8647, 32.3578



242.2340, 1.8566, 11.1958



167.7880, 21.7965, 8.9559



119.6850, 1.1413, 7.2923



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.



175.1040, 5.8647, 32.3578



201.5880, 8.5841, 46.8423



171.9120, -6.3656, 35.1572



99.9730, 0.9993, 6.1627



62.1870, 17.1628, 95.4290



15.7070, 4.5814, 23.9360

Inverse Universe

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



175.1040, 5.8647, 32.3578



201.5880, 8.5841, 46.8423



194.0880, 6.3656, -35.1572



99.9730, 0.9993, 6.1627



62.1870, 17.1628, 95.4290



15.7070, 4.5814, 23.9360

Previews

White Background



This preview shows how the YUV color 175.1040, 5.8647, 32.3578 looks on a white background.

Color Contrast Check

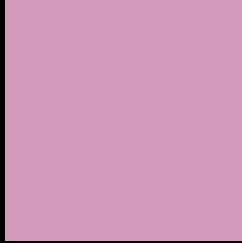
Large Text (above 18pt) WCAG AA × Fail

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 175.1040, 5.8647, 32.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

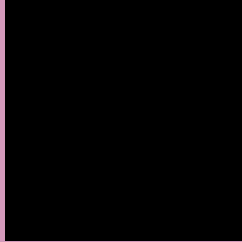
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.1040, 5.8647, 32.3578

Background



This preview shows how black text looks on a background with the YUV color 175.1040, 5.8647, 32.3578.



This preview shows how white text looks on a background with the YUV color 175.1040, 5.8647,

32.3578.

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

175.1040, 5.8647, 32.3578

Protanopia

172.1810, 12.2358, -4.5437

Deuteranopia

172.9500, 5.9407, 7.9369



Tritanopia

174.2150, -2.5710, 31.3834

Trichromacy



Original Color

175.1040, 5.8647, 32.3578

Protanomaly

172.9870, 9.8664, 8.7814

Deuteranomaly

174.0050, 5.9135, 16.6586

Tritanomaly

174.7250, 0.6286, 31.8132

Monochromacy



Original Color

175.1040, 5.8647, 32.3578

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.6470, 2.1460, 11.7106

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.1040, 5.8647, 32.3578 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(212, 154, 187)` looks like.

```
.text, #text, p{  
    color:rgb(212, 154, 187)  
}
```

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(212, 154, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 154, 187) }
```

Border

The CSS property to change the border of an element to YUV 175.1040, 5.8647, 32.3578 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(212, 154, 187) }
```


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

```
.border{ border-color:rgb(212, 154, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 154, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 154, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 154, 187);  
box-shadow:4px 4px 4px 4px rgb(212, 154,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 175.1040, 5.8647, 32.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 154, 187) }
```

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

```
.background{ background-color: rgb(212,  
154, 187) }
```

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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