

Converting Colors

YUV(162.6400, 12.9955,
31.8877)

Have a look what the booklet for
YUV(162.6400, 12.9955, 31.8877)
contains.

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Color

**YUV(162.6400, 12.9955,
31.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	C78BBD
RGB	199, 139, 189
RGB Percent	78%, 55%, 74%
CMY	0.2196, 0.4549, 0.2588
CMYK	0.00, 0.30, 0.05, 0.22
HSL	310°, 35%, 66%
HSV	310°, 30%, 78%
XYZ	41.9711, 34.2815, 52.5490
YIQ	162.6400, 19.7100, 28.2700

Conversions

Conversions Part 2

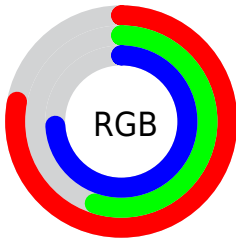
Format	Color
RYB	199, 139, 189
Decimal	13077437
CIELab	65.19, 30.81, -16.90
CIELCh	65, 35.146, 331.251
Yxy	34.2815, 0.3259, 0.2662
Android (android.graphics.Color)	4291267517 (0xFFC78BBD)
YUV	162.6400, 12.9955, 31.8877
Hunter-Lab	58.5504, 25.4923, -12.2275

Details

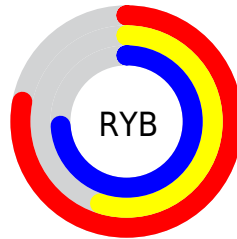
The YUV color **162.6400, 12.9955, 31.8877** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175.3600, -12.9955, -31.8877**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4660, 13.5743, 32.9173**, and **110.2160, 12.7115, 29.6286** is the 20% darker color. If you saturate the color by 10%, you get **150.5580, 17.4729, 42.4836**, and if you desaturate by 10%, it is **174.7220, 8.5181, 21.2918**.

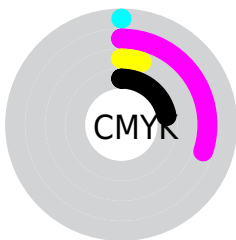
Distribution



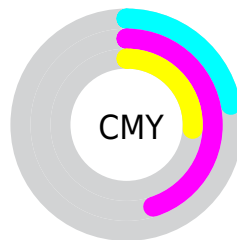
- Red (78%)
- Green (55%)
- Blue (74%)



- Red (78%)
- Yellow (55%)
- Blue (74%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (22%)



- Cyan (22%)
- Magenta (45%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.6400, 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 162.6400, 12.9955, 31.8877 by changing the saturation by 10% instead.

■ 162.6400, 12.9955,
31.8877

■ 162.6400, 12.9955,
31.8877

255.0000, 0.0000,
0.0000

■ 135.9280, 12.8535,
30.7581

■ 217.4660, 13.5743,
32.9173

■ 110.2160, 12.7115,
29.6286

■ 235.0420, 9.8393,
17.5032

■ 85.3900, 12.1327,
28.5990

■ 252.0650, 1.4470,
2.5740

■ 60.7920, 12.4275,
27.3694

■ 36.7920, 12.4275,
27.3694

■ 18.0150, 10.8386,
23.6658

■ 6.6510, 6.0881,

7.3221

■ 0.0000, 0.0000,
0.0000

■ 162.6400, 12.9955,
31.8877

■ 162.6400, 12.9955,
31.8877

■ 150.5580, 17.4729,
42.4836

■ 174.7220, 8.5181,
21.2918

■ 138.3620, 21.5135,
53.1795

■ 186.9180, 4.4774,
10.5959

■ 126.2800, 25.9910,
63.7754

■ 199.0000, 0.0000,
0.0000

■ 114.1980, 30.4684,
74.3714

■ 211.0820, -4.4774,
-10.5959

■ 102.0020, 34.5090,
85.0672

■ 223.2780, -8.5181,
-21.2918

90.5070, 38.6970,
95.1484

233.0120,
-11.8379, -29.8285

78.4250, 43.1745,
105.7443

233.3540,
-10.5275, -30.1285

233.8100, -8.7803,
-30.5284

234.1520, -7.4699,
-30.8283

Harmonies

Analogous

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



161.2540, 25.0178, 2.4082



162.6400, 12.9955, 31.8877



161.5530, -1.7516, 48.6270

Triad

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



162.6400, 12.9955, 31.8877



156.2110, -30.1770, 19.1090



131.8710, 28.6576, -91.9719

Complementary

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



162.6400, 12.9955, 31.8877



175.3600, -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.



140.2860, 9.2260, -66.0258



162.6400, 12.9955, 31.8877



152.5390, -24.4227, -6.6117

Square

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



162.6400, 12.9955, 31.8877



158.5540, -26.8951, 39.8561



147.4350, -10.0745, -35.4615



141.4250, 35.2865, -71.4097

Rectangle

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



162.6400, 12.9955, 31.8877



160.6430, -11.6560, 52.0561



147.4350, -10.0745, -35.4615



134.0090, 22.6736, -85.9539

Sweetspot

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



162.6400, 12.9955, 31.8877



241.0430, 4.9088, 12.2403



148.8300, 24.7338, 0.1491



118.8530, 3.0305, 8.0219



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.



162.6400, 12.9955, 31.8877



199.2860, 20.0720, 48.8612



159.2200, -0.1085, 34.8871



93.6030, 2.1677, 4.7332



64.2410, 35.3772, 86.6116



14.1840, 7.7973, 19.1326

Inverse Universe

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



162.6400, 12.9955, 31.8877



199.2860, 20.0720, 48.8612



178.7800, 0.1085, -34.8871



93.6030, 2.1677, 4.7332



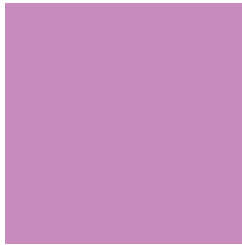
64.2410, 35.3772, 86.6116



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 162.6400, 12.9955, 31.8877 looks on a white background.

Color Contrast Check

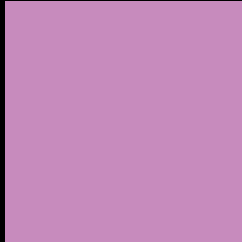
Large Text (above 18pt) WCAG AA × Fail

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 162.6400, 12.9955, 31.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

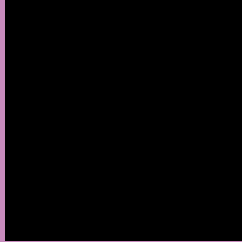
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.6400, 12.9955, 31.8877

Background



This preview shows how black text looks on a background with the YUV color 162.6400, 12.9955, 31.8877.



This preview shows how white text looks on a background with the YUV color 162.6400, 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

162.6400, 12.9955, 31.8877

Protanopia

159.0260, 20.6932, -10.5468

Deuteranopia

160.3280, 12.6563, 0.5893



Tritanopia

161.2040, -2.5656, 29.6391

Trichromacy



Original Color

162.6400, 12.9955, 31.8877

Protanomaly

160.1420, 18.1710, 5.1375

Deuteranomaly

161.1060, 12.7657, 12.1850

Tritanomaly

161.6970, 3.1074, 30.0837

Monochromacy



Original Color

162.6400, 12.9955, 31.8877

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.6300, 4.6194, 11.7255

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.6400, 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(199, 139, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 139, 189)  
}
```

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(199, 139, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 139, 189) }
```

Border

The CSS property to change the border of an element to YUV 162.6400, 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(199, 139, 189) }
```


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

```
.border{ border-color:rgb(199, 139, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 139, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 139, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 139, 189);  
box-shadow:4px 4px 4px 4px rgb(199, 139,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 162.6400, 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(199, 139, 189) }
```

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

```
.background{ background-color: rgb(199,  
139, 189) }
```

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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