

Converting Colors

YUV(164.1790, 28.9988,
32.2920)

Have a look what the booklet for
YUV(164.1790, 28.9988, 32.2920)
contains.

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Color

**YUV(164.1790, 28.9988,
32.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	C986DF
RGB	201, 134, 223
RGB Percent	79%, 53%, 87%
CMY	0.2118, 0.4745, 0.1255
CMYK	0.10, 0.40, 0.00, 0.13
HSL	285°, 58%, 70%
HSV	285°, 40%, 87%
XYZ	45.9318, 34.7954, 74.1074
YIQ	164.1790, 11.3630, 41.8830

Conversions

Conversions Part 2

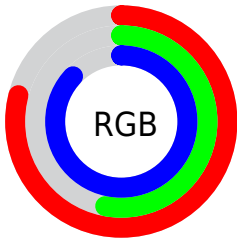
Format	Color
R _Y B	201, 134, 223
Decimal	13207263
CIE Lab	65.59, 40.69, -35.26
CIE LCh	66, 53.840, 319.095
Yxy	34.7954, 0.2967, 0.2247
Android (android.graphics.Color)	4291397343 (0xFFC986DF)
YUV	164.1790, 28.9988, 32.2920
Hunter-Lab	58.9876, 35.7638, -33.1959

Details

The YUV color **164.1790, 28.9988, 32.2920** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **192.8210, -28.9988, -32.2920**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6710, 19.3892, 34.4915**, and **110.5270, 27.8412, 30.2328** is the 20% darker color. If you saturate the color by 10%, you get **149.4710, 36.2498, 39.9289**, and if you desaturate by 10%, it is **178.8870, 21.7477, 24.6551**.

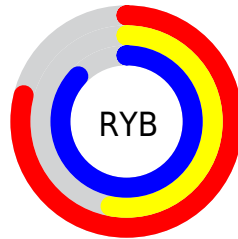
Distribution



Red (79%)

Green (53%)

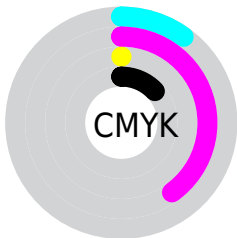
Blue (87%)



Red (79%)

Yellow (53%)

Blue (87%)

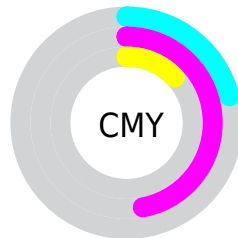


Cyan (10%)

Magenta (40%)

Yellow (0%)

Black (13%)



Cyan (21%)


Magenta (47%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.1790, 28.9988, 32.2920 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 164.1790, 28.9988, 32.2920 by changing the saturation by 10% instead.


 164.1790, 28.9988,
32.2920


 164.1790, 28.9988,
32.2920


255.0000, 0.0000,
0.0000


 137.3530, 28.4200,
31.2624


 215.6710, 19.3892,
34.4915


 110.5270, 27.8412,
30.2328


 232.6940, 10.9969,
19.5624

 85.7010, 27.2624,
29.2032

 249.1300, 2.8939,
5.1480

 60.2880, 26.9730,
28.6884

 32.6410, 28.2780,
30.1328

 20.0820, 22.6376,
19.2221

 9.9850, 16.2764,

6.1522

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 164.1790, 28.9988,
32.2920

■ 164.1790, 28.9988,
32.2920

■ 149.4710, 36.2498,
39.9289

■ 178.8870, 21.7477,
24.6551

■ 134.4750, 43.6428,
48.6954

■ 193.8830, 14.3547,
15.8886

■ 119.7670, 50.8939,
56.3323

■ 208.5910, 7.1036,
8.2517

■ 105.3580, 57.9975,
64.5840

■ 223.0000, 0.0000,
0.0000

90.0630, 65.5379,
72.7357

237.7080, -7.2510,
-7.6369

75.6540, 72.6416,
80.9874

245.0730,
-10.8820, -9.7110

246.8670,
-11.7664, -6.0224

248.3620,
-12.5035, -2.9485

250.1560,
-13.3879, 0.7402

Harmonies

Analogous

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



158.4800, 45.6124, -23.2230



164.1790, 28.9988, 32.2920



161.7200, 8.5190, 67.7746

Triad

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



164.1790, 28.9988, 32.2920



155.6900, -46.6822, 39.7369



128.9670, 29.5963, -113.1041

Complementary

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



164.1790, 28.9988, 32.2920



192.8210, -28.9988, -32.2920

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.



122.6800, 8.0458, -107.5904



164.1790, 28.9988, 32.2920



151.2680, -43.5161, 4.1500

Square

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



164.1790, 28.9988, 32.2920



157.4820, -34.2546, 67.1063



144.4010, -25.3407, -38.9397



131.4070, 49.0993, -115.2439

Rectangle

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



164.1790, 28.9988, 32.2920



159.7740, -6.7906, 78.2512



144.4010, -25.3407, -38.9397



127.1430, 22.6075, -111.5044

Sweetspot

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



164.1790, 28.9988, 32.2920



234.4110, 10.1504, 11.0406



157.0600, 32.5084, -20.2236



115.9390, 5.9461, 6.1925



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.



164.1790, 28.9988, 32.2920



174.4160, 39.7279, 44.3622



168.2490, 16.1462, 48.0166



104.6460, 3.6255, 3.8185



59.5320, 57.4187, 63.5544



16.2360, 15.6597, 17.3330

Inverse Universe

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



163.1190, -3.5097, 52.5156



172.8980, -4.8797, 72.0035



188.7510, -16.1462, -48.0166



104.6310, -0.3111, 6.4626



57.5260, -7.1613, 103.9017



15.7200, -1.8340, 28.3096

Previews

White Background



This preview shows how the YUV color 164.1790, 28.9988, 32.2920 looks on a white background.

Color Contrast Check

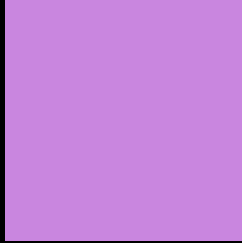
Large Text (above 18pt) WCAG AA × Fail

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 164.1790, 28.9988, 32.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

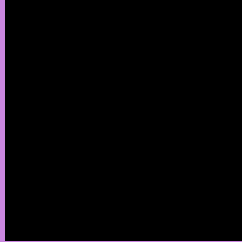
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.1790, 28.9988, 32.2920

Background



This preview shows how black text looks on a background with the YUV color 164.1790, 28.9988, 32.2920.



This preview shows how white text looks on a background with the YUV color 164.1790, 28.9988,

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

164.1790, 28.9988, 32.2920

Protanopia

158.6170, 41.1078, -25.0971

Deuteranopia

159.1700, 29.0032, -15.9351



Tritanopia

162.4100, -1.6811, 25.9504

Trichromacy



Original Color

164.1790, 28.9988, 32.2920



Protanomaly

160.8970, 36.5328, -4.2947



Deuteranomaly

161.2800, 28.9490, 1.5084



Tritanomaly

162.9940, 9.3700, 28.0693

Monochromacy



Original Color

164.1790, 28.9988, 32.2920



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.8240, 10.4398, 11.5554

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1790, 28.9988, 32.2920 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(201, 134, 223)` looks like.

```
.text, #text, p{  
    color:rgb(201, 134, 223)  
}
```

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(201, 134, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 134, 223) }
```

Border

The CSS property to change the border of an element to YUV 164.1790, 28.9988, 32.2920 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(201, 134, 223) }
```


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

```
.border{ border-color:rgb(201, 134, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 134, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 134, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 134, 223);  
box-shadow:4px 4px 4px 4px rgb(201, 134,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 164.1790, 28.9988, 32.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 134, 223) }
```

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

```
.background{ background-color: rgb(201,  
134, 223) }
```

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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