

Converting Colors

YUV(130.9100, 30.6104,
75.5009)

Have a look what the booklet for
YUV(130.9100, 30.6104, 75.5009)
contains.

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Color

**YUV(130.9100, 30.6104,
75.5009)**

Conversions

Conversions Part 1

Format	Color
Hex	D94BC1
RGB	217, 75, 193
RGB Percent	85%, 29%, 76%
CMY	0.1490, 0.7059, 0.2431
CMYK	0.00, 0.65, 0.11, 0.15
HSL	310°, 65%, 57%
HSV	310°, 65%, 85%
XYZ	40.7570, 23.6341, 52.8658
YIQ	130.9100, 46.7540, 66.8020

Conversions

Conversions Part 2

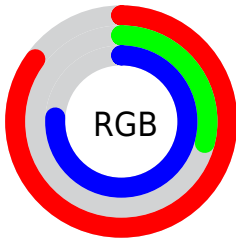
Format	Color
R_{YB}	217, 75, 193
Decimal	14240705
CIE _{Lab}	55.72, 67.91, -33.54
CIE _{LCh}	56, 75.738, 333.715
Yxy	23.6341, 0.3476, 0.2016
Android (android.graphics.Color)	4292430785 (0xFFD94BC1)
YUV	130.9100, 30.6104, 75.5009
Hunter-Lab	48.6149, 64.5717, -30.4438

Details

The YUV color **130.9100, 30.6104, 75.5009** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **161.0900, -30.6104, -75.5009**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8160, 33.1217, 63.3054**, and **63.3870, 37.2772, 83.8526** is the 20% darker color. If you saturate the color by 10%, you get **117.5400, 35.2298, 87.2264**, and if you desaturate by 10%, it is **144.2800, 25.9910, 63.7754**.

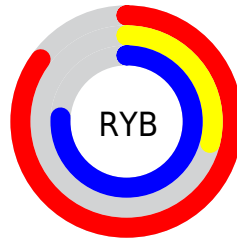
Distribution



Red (85%)

Green (29%)

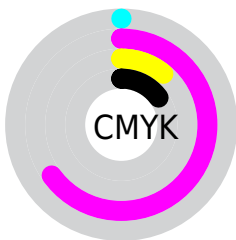
Blue (76%)



Red (85%)

Yellow (29%)

Blue (76%)

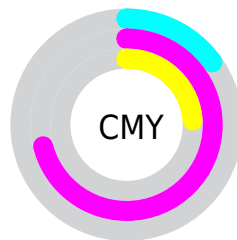


Cyan (0%)

Magenta (65%)

Yellow (11%)

Black (15%)



Cyan (15%)


Magenta (71%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.9100, 30.6104, 75.5009 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 130.9100, 30.6104, 75.5009 by changing the saturation by 10% instead.


 130.9100, 30.6104,
75.5009


 130.9100, 30.6104,
75.5009


255.0000, 0.0000,
0.0000


 100.3770, 32.3521,
76.8454


 182.8160, 33.1217,
63.3054


 63.3870, 37.2772,
83.8526


 200.4090, 26.9134,
47.8763

 51.7520, 30.1953,
68.6235


 217.4320, 18.5210,
32.9471

 40.5300, 23.4027,
53.9092

 234.4550, 10.1287,
18.0180

 29.7210, 16.8995,
39.7097

 252.0650, 1.4470,
2.5740

 19.4390, 11.1226,
25.9250

 3.9600, 7.4147,

1.7891

■ 0.0000, 0.0000,
0.0000

■ 130.9100, 30.6104,
75.5009

■ 130.9100, 30.6104,
75.5009

■ 117.5400, 35.2298,
87.2264

■ 144.2800, 25.9910,
63.7754

■ 104.8710, 39.9966,
98.3371

■ 156.9490, 21.2241,
52.6647

■ 91.5010, 44.6160,
110.0626

■ 170.3190, 16.6047,
40.9392

■ 85.4030, 46.6363,
115.4106

■ 183.6890, 11.9853,
29.2137

■ 196.3580, 7.2185,
18.1030

■ 209.7280, 2.5991,
6.3775

■ 223.0980, -2.0203,
-5.3479

■ 236.3540, -7.0765,
-16.9735

■ 240.3320, -7.0657,
-20.4622

Harmonies

Analogous

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



135.4200, 53.5299, 4.0167



130.9100, 30.6104, 75.5009



118.3820, 4.7417, 112.7980

Triad

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



130.9100, 30.6104, 75.5009



124.7040, -61.4791, 25.6926



118.4640, 42.6622, -103.8929

Complementary

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



130.9100, 30.6104, 75.5009



161.0900, -30.6104, -75.5009

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.



111.0540, 14.2704, -97.3944



130.9100, 30.6104, 75.5009



113.4650, -55.9382, -24.9638

Square

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



130.9100, 30.6104, 75.5009



124.4030, -61.3307, 71.5606



100.8400, -14.7111, -88.4367



119.7130, 65.2175, -104.9883

Rectangle

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



130.9100, 30.6104, 75.5009



119.6380, -17.0765, 110.8195



100.8400, -14.7111, -88.4367



116.1840, 33.9263, -101.8934

Sweetspot

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



130.9100, 30.6104, 75.5009



224.0370, 10.8278, 27.1546



98.3640, 58.4875, 0.5578



109.1190, 6.3503, 16.5586



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.



130.9100, 30.6104, 75.5009



133.1370, 43.3165, 106.8739



122.8160, -0.4023, 82.5994



103.3150, 2.3097, 5.8627



68.1430, 37.3975, 91.9596



18.0860, 9.8176, 24.4806

Inverse Universe

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



130.9100, 30.6104, 75.5009



133.1370, 43.3165, 106.8739



169.1840, 0.4023, -82.5994



103.3150, 2.3097, 5.8627



68.1430, 37.3975, 91.9596



18.0860, 9.8176, 24.4806

Previews

White Background



This preview shows how the YUV color 130.9100, 30.6104, 75.5009 looks on a white background.

Color Contrast Check

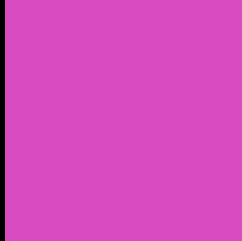
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9100, 30.6104, 75.5009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

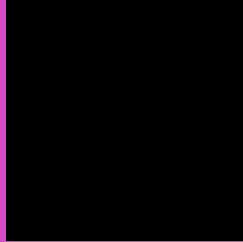
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.9100, 30.6104, 75.5009

Background



This preview shows how black text looks on a background with the YUV color 130.9100, 30.6104, 75.5009.



This preview shows how white text looks on a background with the YUV color 130.9100, 30.6104,

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

130.9100, 30.6104, 75.5009

Protanopia

127.8890, 55.2707, -41.1217

Deuteranopia

133.7420, 24.7772, -13.8057



Tritanopia

133.0900, -12.8624, 65.6961

Trichromacy



Original Color

130.9100, 30.6104, 75.5009



Protanomaly

128.8620, 46.4100, 0.9980



Deuteranomaly

132.5210, 26.8581, 18.8371



Tritanomaly

132.2380, 2.8407, 69.0743

Monochromacy



Original Color

130.9100, 30.6104, 75.5009



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

131.1510, 11.2646, 27.0546

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9100, 30.6104, 75.5009 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(217, 75, 193)` looks like.

```
.text, #text, p{  
    color:rgb(217, 75, 193)  
}
```

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(217, 75, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 75, 193) }
```

Border

The CSS property to change the border of an element to YUV 130.9100, 30.6104, 75.5009 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(217, 75, 193) }
```


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

```
.border{ border-color:rgb(217, 75, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 75, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 75, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 75, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 75,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 130.9100, 30.6104, 75.5009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 75, 193) }
```

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

```
.background{ background-color: rgb(217, 75,  
193) }
```

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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