

Converting Colors

YUV(151.8190, 21.7812,
60.6717)

Have a look what the booklet for
YUV(151.8190, 21.7812, 60.6717)
contains.

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Color

**YUV(151.8190, 21.7812,
60.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6CC4
RGB	221, 108, 196
RGB Percent	87%, 42%, 77%
CMY	0.1333, 0.5765, 0.2314
CMYK	0.00, 0.51, 0.11, 0.13
HSL	313°, 62%, 65%
HSV	313°, 51%, 87%
XYZ	45.1452, 30.0828, 55.6517
YIQ	151.8190, 39.1000, 51.3240

Conversions

Conversions Part 2

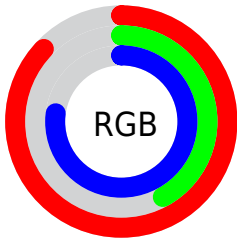
Format	Color
R _{YB}	221, 108, 196
Decimal	14511300
CIE Lab	61.73, 55.09, -25.90
CIE LCh	62, 60.876, 334.822
Yxy	30.0828, 0.3449, 0.2299
Android (android.graphics.Color)	4292701380 (0xFFDD6CC4)
YUV	151.8190, 21.7812, 60.6717
Hunter-Lab	54.8478, 50.9395, -21.7656

Details

The YUV color **151.8190, 21.7812, 60.6717** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **177.1810, -21.7812, -60.6717**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7680, 25.7504, 47.5615**, and **96.0360, 22.6603, 58.7274** is the 20% darker color. If you saturate the color by 10%, you get **138.3350, 25.9638, 72.4972**, and if you desaturate by 10%, it is **165.3030, 17.5986, 48.8463**.

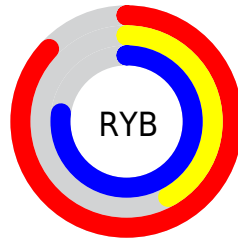
Distribution



Red (87%)

Green (42%)

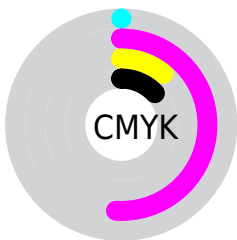
Blue (77%)



Red (87%)

Yellow (42%)

Blue (77%)

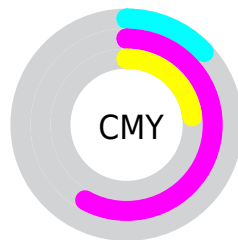


Cyan (0%)

Magenta (51%)

Yellow (11%)

Black (13%)



Cyan (13%)


Magenta (58%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.8190, 21.7812, 60.6717 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 151.8190, 21.7812, 60.6717 by changing the saturation by 10% instead.


 151.8190, 21.7812,
60.6717


 151.8190, 21.7812,
60.6717


255.0000, 0.0000,
0.0000


 124.2210, 22.0760,
59.4422


 200.7680, 25.7504,
47.5615

 96.0360, 22.6603,
58.7274


 217.4320, 18.5210,
32.9471


 65.3290, 24.9808,
61.1015

 234.4550, 10.1287,
18.0180

 42.6660, 23.8287,
57.2979

 252.0650, 1.4470,
2.5740

 31.9710, 17.7623,
42.9984

 22.1730, 11.2537,
30.5433

 11.1080, 6.3558,

14.8143

■ 0.0000, 0.0000,
0.0000

■ 151.8190, 21.7812,
60.6717

■ 151.8190, 21.7812,
60.6717

■ 138.3350, 25.9638,
72.4972

■ 165.3030, 17.5986,
48.8463

■ 124.8510, 30.1465,
84.3227

■ 178.7870, 13.4160,
37.0208

■ 111.3670, 34.3291,
96.1481

■ 192.2710, 9.2334,
25.1953

■ 97.8830, 38.5117,
107.9736

■ 205.7550, 5.0508,
13.3699

■ 85.6870, 42.5523,
118.6695

■ 219.7120, 0.1420,
1.1296

■ 233.1960, -4.0406,
-10.6959

■ 241.9840, -5.9081,
-18.4030

■ 242.5540, -3.7241,
-18.9029

■ 243.1240, -1.5401,
-19.4027

Harmonies

Analogous

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



152.4670, 42.1678, 8.3604



151.8190, 21.7812, 60.6717



146.7950, -1.8709, 87.0028

Triad

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



151.8190, 21.7812, 60.6717



140.9580, -56.6743, 24.5928



125.9640, 40.9367, -110.4704

Complementary

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



151.8190, 21.7812, 60.6717



177.1810, -21.7812, -60.6717

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.



120.5090, 17.4971, -105.6864



151.8190, 21.7812, 60.6717



135.5100, -40.6774, -19.7413

Square

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



151.8190, 21.7812, 60.6717



144.8820, -47.7628, 59.7395



111.8910, -5.3693, -98.1284



126.0730, 59.1240, -110.5660

Rectangle

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



151.8190, 21.7812, 60.6717



145.3270, -18.8952, 87.4132



111.8910, -5.3693, -98.1284



124.1400, 33.9480, -108.8708

Sweetspot

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



151.8190, 21.7812, 60.6717



231.7820, 7.5025, 20.3622



128.0580, 45.8204, 3.4571



113.8150, 4.0352, 12.4402



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.



151.8190, 21.7812, 60.6717



159.5520, 30.2939, 83.7079



145.4350, -2.6795, 66.2705



103.2010, 1.8729, 5.9627



67.1170, 33.4663, 92.8594



17.8580, 8.9440, 24.6805

Inverse Universe

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



151.8190, 21.7812, 60.6717



159.5520, 30.2939, 83.7079



183.5650, 2.6795, -66.2705



103.2010, 1.8729, 5.9627



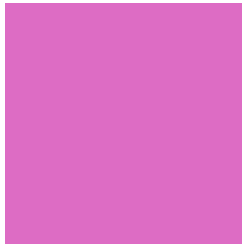
67.1170, 33.4663, 92.8594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 151.8190, 21.7812, 60.6717 looks on a white background.

Color Contrast Check

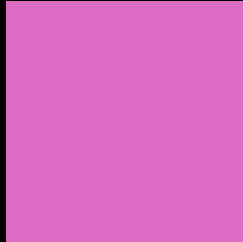
Large Text (above 18pt) WCAG AA × Fail

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 151.8190, 21.7812, 60.6717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

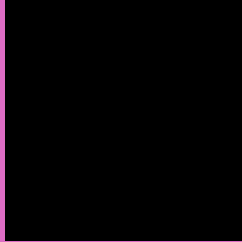
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.8190, 21.7812, 60.6717

Background



This preview shows how black text looks on a background with the YUV color 151.8190, 21.7812, 60.6717.



This preview shows how white text looks on a background with the YUV color 151.8190, 21.7812, 60.6717.

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

151.8190, 21.7812, 60.6717

Protanopia

148.5310, 38.1922, -23.2677

Deuteranopia

150.5920, 18.9351, -6.6582



Tritanopia

151.2350, -9.4829, 55.0449

Trichromacy



Original Color

151.8190, 21.7812, 60.6717



Protanomaly

149.8230, 32.1323, 7.1712



Deuteranomaly

151.0880, 20.1696, 17.4628



Tritanomaly

151.8190, 1.5682, 57.1637

Monochromacy



Original Color

151.8190, 21.7812, 60.6717



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.9070, 7.9338, 22.0066

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8190, 21.7812, 60.6717 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(221, 108, 196)` looks like.

```
.text, #text, p{  
    color:rgb(221, 108, 196)  
}
```

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(221, 108, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 108, 196) }
```

Border

The CSS property to change the border of an element to YUV 151.8190, 21.7812, 60.6717 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(221, 108, 196) }
```


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

```
.border{ border-color:rgb(221, 108, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 108, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 108, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 108, 196);  
box-shadow:4px 4px 4px 4px rgb(221, 108,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 151.8190, 21.7812, 60.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 108, 196) }
```

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

```
.background{ background-color: rgb(221,  
108, 196) }
```

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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