

Converting Colors

YUV(196.4320, 11.6190, 6.6371)

Have a look what the booklet for
YUV(196.4320, 11.6190, 6.6371)
contains.

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Color

**YUV(196.4320, 11.6190,
6.6371)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBCDC
RGB	204, 188, 220
RGB Percent	80%, 74%, 86%
CMY	0.2000, 0.2627, 0.1373
CMYK	0.07, 0.15, 0.00, 0.14
HSL	270°, 31%, 80%
HSV	270°, 15%, 86%
XYZ	55.8033, 53.9711, 75.1865
YIQ	196.4320, -0.7360, 13.3440

Conversions

Conversions Part 2

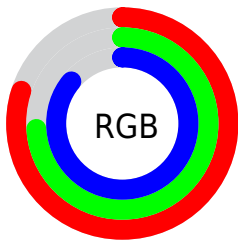
Format	Color
R_{YB}	204, 188, 220
Decimal	13417692
CIE _{Lab}	78.44, 11.59, -13.94
CIE _{LCh}	78, 18.126, 309.729
Yxy	53.9711, 0.3017, 0.2918
Android (android.graphics.Color)	4291607772 (0xFFCCBCDC)
YUV	196.4320, 11.6190, 6.6371
Hunter-Lab	73.4650, 7.0230, -9.2538

Details

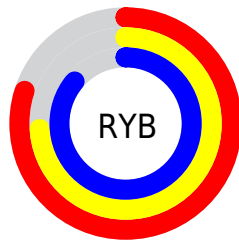
The YUV color $196.4320, 11.6190, 6.6371$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $211.5680, -11.6190, -6.6371$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5430, 3.1833, 5.6628$, and $142.9050, 10.8928, 6.2223$ is the 20% darker color. If you saturate the color by 10%, you get $180.2290, 19.6071, 11.2002$, and if you desaturate by 10%, it is $212.6350, 3.6309, 2.0741$.

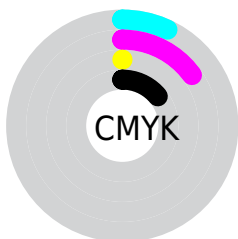
Distribution



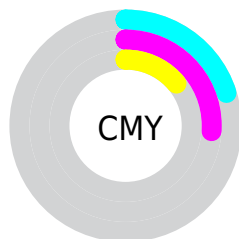
- Red (80%)
- Green (74%)
- Blue (86%)



- Red (80%)
- Yellow (74%)
- Blue (86%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4320, 11.6190, 6.6371 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 196.4320, 11.6190, 6.6371 by changing the saturation by 10% instead.

■ 196.4320, 11.6190,
6.6371

■ 196.4320, 11.6190,
6.6371

255.0000, 0.0000,
0.0000

■ 169.0190, 11.3296,
6.1223

■ 248.5430, 3.1833,
5.6628

■ 142.9050, 10.8928,
6.2223

■ 116.9050, 10.8928,
6.2223

■ 92.3780, 10.1666,
5.8075

■ 68.9650, 9.8773,
5.2927

■ 46.4380, 9.1511,
4.8779

■ 25.6120, 8.5723,

3.8483

■ 2.6220, 10.0464,
-2.2995

■ 0.0000, 0.0000,
0.0000

■ 196.4320, 11.6190,
6.6371

■ 196.4320, 11.6190,
6.6371

■ 180.2290, 19.6071,
11.2002

■ 212.6350, 3.6309,
2.0741

■ 164.0260, 27.5952,
15.7632

■ 228.8380, -4.3571,
-2.4889

■ 147.8230, 35.5833,
20.3262

■ 245.0410,
-12.3452, -7.0520

■ 131.6200, 43.5713,
24.8893

■ 248.9170,
-14.2561, -0.8042

■ 115.4170, 51.5594,
29.4523

■ 251.0100,
-15.2879, 3.4992

■ 99.2140, 59.5475,
34.0153

■ 83.0110, 67.5356,
38.5784

■ 66.8080, 75.5237,
43.1414

■ 57.9700, 79.8808,
45.6303

Harmonies

Analogous

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



194.1740, 16.1832, -10.6766



196.4320, 11.6190, 6.6371



197.5710, 4.1555, 20.5472

Triad

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



196.4320, 11.6190, 6.6371



194.7070, -15.6316, 20.4280



187.8820, 5.4812, -31.4685

Complementary

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



196.4320, 11.6190, 6.6371



211.5680, -11.6190, -6.6371

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.



188.9450, -3.4239, -21.8768



196.4320, 11.6190, 6.6371



193.2170, -15.8830, 7.7027

Square

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



196.4320, 11.6190, 6.6371



195.9020, -11.2907, 28.1499



191.2690, -11.4716, -7.2519



188.8200, 12.9067, -33.1681

Rectangle

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



196.4320, 11.6190, 6.6371



196.9370, -0.9549, 26.3653



191.2690, -11.4716, -7.2519



188.0950, 2.4182, -29.0243

Sweetspot

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



196.4320, 11.6190, 6.6371



247.6350, 3.6309, 2.0741



201.0400, 9.3473, -11.4361



122.6950, 2.6154, 1.1445



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.



196.4320, 11.6190, 6.6371



223.1810, 15.6868, 8.6113



201.2160, 9.2605, 16.4736



101.7490, 4.0677, 1.9741



45.7350, 62.7416, 36.1894



12.1210, 16.7023, 9.5409

Inverse Universe

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



199.3920, 2.2717, 18.0732



227.2510, 2.8343, 24.3359



206.7840, -9.2605, -16.4736



102.8590, 0.5625, 6.2627



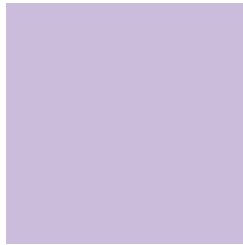
61.6450, 12.5000, 97.6583



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 196.4320, 11.6190, 6.6371 looks on a white background.

Color Contrast Check

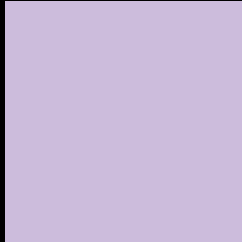
Large Text (above 18pt) WCAG AA × Fail

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 196.4320, 11.6190, 6.6371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

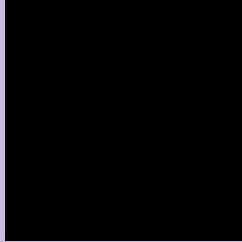
Any Text WCAG AA ✓ Pass

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 196.4320, 11.6190, 6.6371 Background



This preview shows how black text looks on a background with the YUV color 196.4320, 11.6190, 6.6371.



This preview shows how white text looks on a background with the YUV color 196.4320, 11.6190,

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

196.4320, 11.6190, 6.6371

Protanopia

195.2240, 13.6936, -5.4584

Deuteranopia

196.1220, 11.7719, 4.2780



Tritanopia

195.2980, 4.7831, 5.8777

Trichromacy



Original Color

196.4320, 11.6190, 6.6371

Protanomaly

195.4310, 13.0985, -1.2550

Deuteranomaly

196.4210, 11.6244, 4.8928

Tritanomaly

195.5800, 7.1091, 6.5073

Monochromacy



Original Color

196.4320, 11.6190, 6.6371

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4320, 11.6190, 6.6371 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(204, 188, 220)` looks like.

```
.text, #text, p{  
    color:rgb(204, 188, 220)  
}
```

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(204, 188, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 188, 220) }
```

Border

The CSS property to change the border of an element to YUV 196.4320, 11.6190, 6.6371 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(204, 188, 220) }
```


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

```
.border{ border-color:rgb(204, 188, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 188, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 188, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 188, 220);  
box-shadow:4px 4px 4px 4px rgb(204, 188,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 196.4320, 11.6190, 6.6371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 188, 220) }
```

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

```
.background{ background-color: rgb(204,  
188, 220) }
```

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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