

Converting Colors

YUV(198.1360, 20.6390, 6.8967)

Have a look what the booklet for
YUV(198.1360, 20.6390, 6.8967)
contains.

YUV(198.1360, 20.6390, 6.8967)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(198.1360, 20.6390,
6.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBAF0
RGB	206, 186, 240
RGB Percent	81%, 73%, 94%
CMY	0.1922, 0.2706, 0.0588
CMYK	0.14, 0.23, 0.00, 0.06
HSL	262°, 64%, 84%
HSV	262°, 23%, 94%
XYZ	58.7407, 54.5309, 89.8676
YIQ	198.1360, -5.4140, 21.0340

Conversions

Conversions Part 2

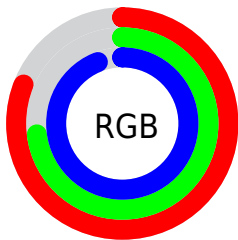
Format	Color
R _Y B	206, 186, 240
Decimal	13548272
CIE Lab	78.77, 17.40, -24.21
CIE LCh	79, 29.814, 305.713
Yxy	54.5309, 0.2892, 0.2684
Android (android.graphics.Color)	4291738352 (0xFFCEBAF0)
YUV	198.1360, 20.6390, 6.8967
Hunter-Lab	73.8450, 12.7606, -20.4630

Details

The YUV color **198.1360, 20.6390, 6.8967** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **227.8640, -20.6390, -6.8967**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.3690, 3.7621, 6.6924**, and **144.1960, 19.6234, 5.9671** is the 20% darker color. If you saturate the color by 10%, you get **179.5630, 29.7954, 10.0302**, and if you desaturate by 10%, it is **216.7090, 11.4825, 3.7632**.

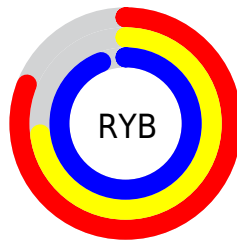
Distribution



Red (81%)

Green (73%)

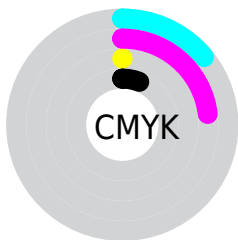
Blue (94%)



Red (81%)

Yellow (73%)

Blue (94%)

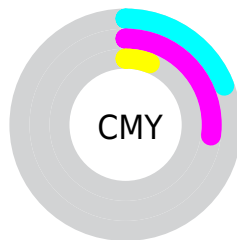


Cyan (14%)

Magenta (23%)

Yellow (0%)

Black (6%)



Cyan (19%)

Magenta (27%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1360, 20.6390, 6.8967 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 198.1360, 20.6390, 6.8967 by changing the saturation by 10% instead.

■ 198.1360, 20.6390,
6.8967

■ 198.1360, 20.6390,
6.8967

255.0000, 0.0000,
0.0000

■ 170.7230, 20.3496,
6.3819

■ 247.3690, 3.7621,
6.6924

■ 144.1960, 19.6234,
5.9671

■ 118.6690, 18.8972,
5.5523

■ 93.5550, 18.4604,
5.6523

■ 69.6150, 17.4448,
4.7226

■ 46.7890, 16.8660,
3.6930

■ 25.5500, 15.9979,

2.1487

■ 5.3000, 15.1351,
-1.1401

■ 1.3680, 5.2416,
-1.1997

■ 198.1360, 20.6390,
6.8967

■ 198.1360, 20.6390,
6.8967

■ 179.5630, 29.7954,
10.0302

■ 216.7090, 11.4825,
3.7632

■ 160.9900, 38.9519,
13.1638

■ 235.2820, 2.3260,
0.6297

■ 142.4170, 48.1084,
16.2973

■ 252.0940, -5.9623,
-0.9594

■ 123.8440, 57.2649,
19.4308

■ 253.2900, -6.5520,
1.4997

■ 104.9720, 66.5688,
21.9496

■ 86.3990, 75.7253,
25.0831

■ 67.8260, 84.8818,
28.2166

■ 53.9710, 91.7123,
30.7204

Harmonies

Analogous

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



193.7840, 27.7145, -22.6126



198.1360, 20.6390, 6.8967



199.6030, 9.0697, 31.0432

Triad

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



198.1360, 20.6390, 6.8967



195.6780, -24.9843, 33.6084



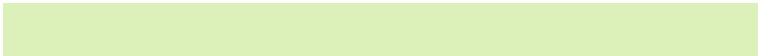
182.4230, 8.1725, -54.7450

Complementary

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



198.1360, 20.6390, 6.8967



227.8640, -20.6390, -6.8967

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.



185.5430, -7.1697, -33.8022



198.1360, 20.6390, 6.8967



193.2150, -26.2350, 14.7204

Square

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



198.1360, 20.6390, 6.8967



197.6330, -16.5811, 45.0489



189.6680, -20.0493, -9.3558



181.6360, 21.8715, -61.9478

Rectangle

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



198.1360, 20.6390, 6.8967



199.3780, 0.3066, 41.7645



189.6680, -20.0493, -9.3558



183.2020, 3.3514, -48.4122

Sweetspot

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



198.1360, 20.6390, 6.8967



241.1450, 6.8305, 2.5038



212.1140, 13.7478, -22.9020



119.4500, 4.2151, 1.3593



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.



198.1360, 20.6390, 6.8967



201.6400, 26.3065, 9.0857



206.2090, 16.6590, 23.4957



110.5640, 4.6519, 1.2594



41.3080, 70.3472, 23.4089



12.6630, 21.3651, 7.3115

Inverse Universe

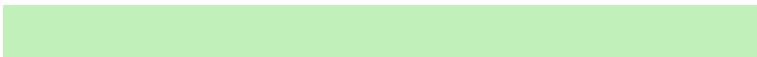
The Inverse Universe completely reimagines the original color for something new.



206.0220, 6.8912, 29.7987



211.5330, 8.6112, 38.1206



219.7910, -16.6590, -23.4957



112.3860, 1.2887, 6.6775



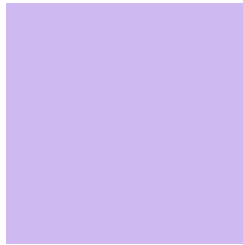
68.2400, 23.5457, 101.5215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 198.1360, 20.6390, 6.8967 looks on a white background.

Color Contrast Check

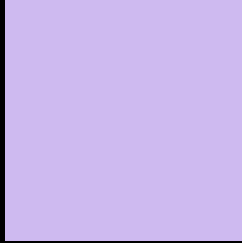
Large Text (above 18pt) WCAG AA × Fail

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 198.1360, 20.6390, 6.8967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

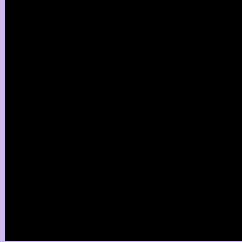
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.1360, 20.6390, 6.8967

Background



This preview shows how black text looks on a background with the YUV color 198.1360, 20.6390, 6.8967.

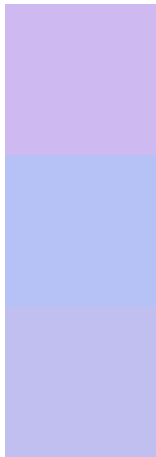


This preview shows how white text looks on a background with the YUV color 198.1360, 20.6390, 6.8967.

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

198.1360, 20.6390, 6.8967

Protanopia

195.6390, 24.3350, -11.9614

Deuteranopia

196.7710, 20.8189, -4.1842



Tritanopia

196.1020, 5.3727, 3.4185

Trichromacy



Original Color

198.1360, 20.6390, 6.8967

Protanomaly

196.3410, 23.0029, -4.6841

Deuteranomaly

197.0920, 20.6606, -0.0807

Tritanomaly

196.8940, 10.8983, 4.4780

Monochromacy



Original Color

198.1360, 20.6390, 6.8967

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.2590, 7.2673, 2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1360, 20.6390, 6.8967 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(206, 186, 240)` looks like.

```
.text, #text, p{  
    color:rgb(206, 186, 240)  
}
```

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(206, 186, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 186, 240) }
```

Border

The CSS property to change the border of an element to YUV 198.1360, 20.6390, 6.8967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

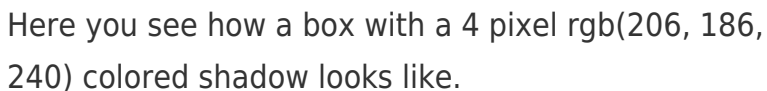
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 186, 240) }
```


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

```
.border{ border-color:rgb(206, 186, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 186, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 186, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 186, 240);  
box-shadow:4px 4px 4px 4px rgb(206, 186,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 198.1360, 20.6390, 6.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 186, 240) }
```

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

```
.background{ background-color: rgb(206,  
186, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor