

Converting Colors

YUV(198.4390, 20.9826,
-10.0320)

Have a look what the booklet for
YUV(198.4390, 20.9826, -10.0320)
contains.

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Color

**YUV(198.4390, 20.9826,
-10.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC4F1
RGB	187, 196, 241
RGB Percent	73%, 77%, 95%
CMY	0.2667, 0.2314, 0.0549
CMYK	0.22, 0.19, 0.00, 0.05
HSL	230°, 66%, 84%
HSV	230°, 22%, 95%
XYZ	56.1106, 56.3955, 91.1472
YIQ	198.4390, -19.8090, 12.0870

Conversions

Conversions Part 2

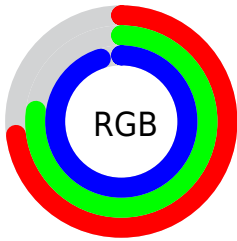
Format	Color
R_{YB}	187, 195, 241
Decimal	12305649
CIE Lab	79.84, 6.35, -23.25
CIE LCh	80, 24.103, 285.265
Yxy	56.3955, 0.2755, 0.2769
Android (android.graphics.Color)	4290495729 (0xFFBBC4F1)
YUV	198.4390, 20.9826, -10.0320
Hunter-Lab	75.0970, 1.9512, -19.3940

Details

The YUV color $198.4390, 20.9826, -10.0320$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $229.5610, -20.9826, 10.0320$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5370, 2.2003, -5.7329$, and $144.2110, 20.1090, -9.8320$ is the 20% darker color. If you saturate the color by 10%, you get $179.5230, 30.3082, -14.4907$, and if you desaturate by 10%, it is $217.3550, 11.6570, -5.5733$.

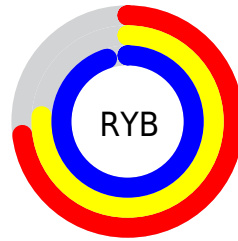
Distribution



Red (73%)

Green (77%)

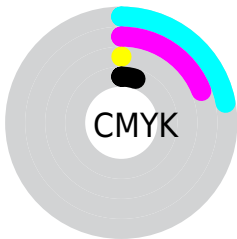
Blue (95%)



Red (73%)

Yellow (76%)

Blue (95%)

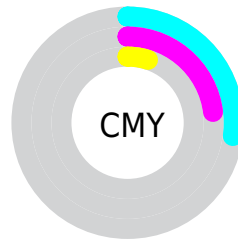


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (23%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4390, 20.9826, -10.0320 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 198.4390, 20.9826, -10.0320 by changing the saturation by 10% instead.

■ 198.4390, 20.9826,
-10.0320

■ 198.4390, 20.9826,
-10.0320

255.0000, 0.0000,
0.0000

■ 171.3250, 20.5458,
-9.9320

■ 250.5370, 2.2003,
-5.7329

■ 144.2110, 20.1090,
-9.8320

■ 118.6840, 19.3828,
-10.2469

■ 93.5700, 18.9460,
-10.1469

■ 69.6300, 17.9304,
-11.0765

■ 46.8040, 17.3516,
-12.1061

■ 24.0810, 17.2151,

-14.9800

■ 4.2180, 16.1615,
-3.6992

■ 2.1830, 5.8258,
-1.9145

■ 198.4390, 20.9826,
-10.0320

■ 198.4390, 20.9826,
-10.0320

■ 179.5230, 30.3082,
-14.4907

■ 217.3550, 11.6570,
-5.5733

■ 160.6070, 39.6337,
-18.9493

■ 236.2710, 2.3314,
-1.1147

■ 141.6910, 48.9593,
-23.4080

■ 253.4040, -6.1152,
1.3997

■ 122.7750, 58.2849,
-27.8667

■ 103.5600, 67.7579,
-32.9401

■ 84.6440, 77.0835,
-37.3988

■ 65.1410, 86.6985,
-41.3427

■ 50.9540, 93.6927,
-44.6867

Harmonies

Analogous

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



193.5780, 23.3790, -32.0789



198.4390, 20.9826, -10.0320



201.1600, 14.2181, 13.0147

Triad

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



198.4390, 20.9826, -10.0320



199.9800, -16.2591, 35.0975



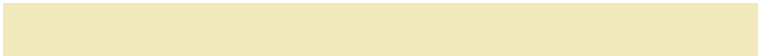
190.2210, -2.0810, -32.6428

Complementary

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



198.4390, 20.9826, -10.0320



229.5610, -20.9826, 10.0320

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.



192.7690, -13.1971, -13.8294



198.4390, 20.9826, -10.0320



198.2360, -21.3153, 23.4720

Square

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



198.4390, 20.9826, -10.0320



201.1080, -6.9552, 37.6163



195.6530, -20.5349, 6.4433



188.6460, 10.0345, -45.2935

Rectangle

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



198.4390, 20.9826, -10.0320



201.8150, 7.4862, 25.5952



195.6530, -20.5349, 6.4433



191.1140, -6.4652, -26.4100

Sweetspot

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



198.4390, 20.9826, -10.0320



240.8130, 6.9942, -3.3440



223.8280, 4.0288, -32.2982



119.4280, 4.2260, -2.1294



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.



198.4390, 20.9826, -10.0320



200.9100, 26.6664, -13.0761



198.5380, 20.9338, 5.6672



110.5420, 4.6628, -2.2293



39.1730, 71.3997, -34.3547



11.6670, 21.8562, -10.2320

Inverse Universe

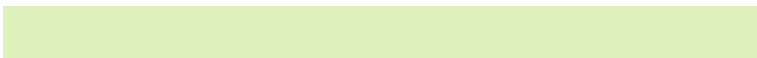
The Inverse Universe completely reimagines the original color for something new.



204.1720, -4.0288, 32.2982



207.9990, -4.9295, 41.2199



229.4620, -20.9338, -5.6672



111.8160, -0.8953, 7.1774



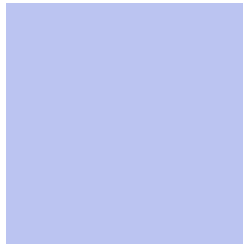
58.5500, -13.5821, 110.0196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 198.4390, 20.9826, -10.0320 looks on a white background.

Color Contrast Check

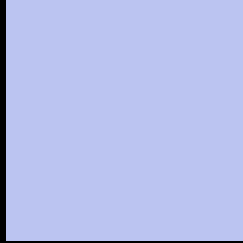
Large Text (above 18pt) WCAG AA × Fail

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 198.4390, 20.9826, -10.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

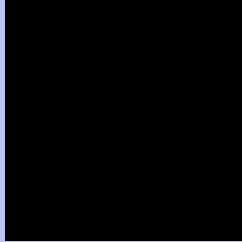
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.4390, 20.9826, -10.0320

Background



This preview shows how black text looks on a background with the YUV color 198.4390, 20.9826, -10.0320.



This preview shows how white text looks on a background with the YUV color 198.4390, 20.9826, -10.0320.

-10.0320.

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

198.4390, 20.9826, -10.0320

Protanopia

198.7380, 20.8352, -9.4172

Deuteranopia

199.1840, 21.1083, -3.6694



Tritanopia

196.4420, 9.6421, -12.6656

Trichromacy



Original Color

198.4390, 20.9826, -10.0320

Protanomaly

198.7380, 20.8352, -9.4172

Deuteranomaly

198.8740, 21.2611, -6.0285

Tritanomaly

197.4790, 13.5679, -11.8211

Monochromacy



Original Color

198.4390, 20.9826, -10.0320

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4390, 20.9826, -10.0320 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(187, 196, 241)` looks like.

```
.text, #text, p{  
    color:rgb(187, 196, 241)  
}
```

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(187, 196, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 196, 241) }
```

Border

The CSS property to change the border of an element to YUV 198.4390, 20.9826, -10.0320 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(187, 196, 241) }
```


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

```
.border{ border-color:rgb(187, 196, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 196, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 196, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 196, 241);  
box-shadow:4px 4px 4px 4px rgb(187, 196,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 198.4390, 20.9826, -10.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 196, 241) }
```

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

```
.background{ background-color: rgb(187,  
196, 241) }
```

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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