

Converting Colors

YUV(189.8640, 19.7870, 0.1193)

Have a look what the booklet for
YUV(189.8640, 19.7870, 0.1193)
contains.

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Color

**YUV(189.8640, 19.7870,
0.1193)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB6E6
RGB	190, 182, 230
RGB Percent	75%, 71%, 90%
CMY	0.2549, 0.2863, 0.0980
CMYK	0.17, 0.21, 0.00, 0.10
HSL	250°, 49%, 81%
HSV	250°, 21%, 90%
XYZ	52.2461, 50.1162, 81.7826
YIQ	189.8640, -10.6400, 16.6240

Conversions

Conversions Part 2

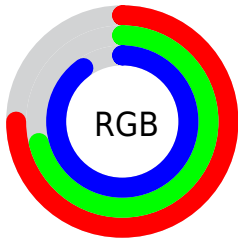
Format	Color
R_{YB}	190, 182, 230
Decimal	12498662
CIE _{Lab}	76.14, 12.43, -22.94
CIE _{LCh}	76, 26.087, 298.444
Yxy	50.1162, 0.2837, 0.2722
Android (android.graphics.Color)	4290688742 (0xFFBEB6E6)
YUV	189.8640, 19.7870, 0.1193
Hunter-Lab	70.7928, 7.8481, -18.9392

Details

The YUV color $189.8640, 19.7870, 0.1193$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $222.1360, -19.7870, -0.1193$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.6290, 6.0989, 3.8334$, and $136.2230, 18.6241, -0.1956$ is the 20% darker color. If you saturate the color by 10%, you get $170.6820, 29.2438, 0.2789$, and if you desaturate by 10%, it is $209.0460, 10.3303, -0.0403$.

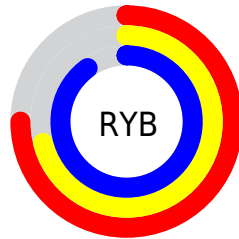
Distribution



Red (75%)

Green (71%)

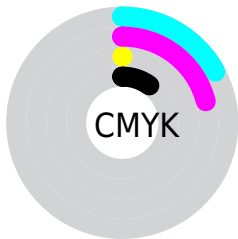
Blue (90%)



Red (75%)

Yellow (71%)

Blue (90%)

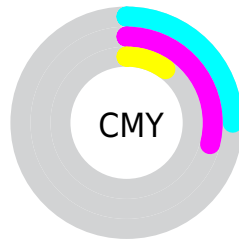


Cyan (17%)

Magenta (21%)

Yellow (0%)

Black (10%)



Cyan (25%)

Magenta (29%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8640, 19.7870, 0.1193 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 189.8640, 19.7870, 0.1193 by changing the saturation by 10% instead.

■ 189.8640, 19.7870,
0.1193

■ 189.8640, 19.7870,
0.1193

■ 255.0000, 0.0000,
0.0000

■ 162.7500, 19.3503,
0.2193

■ 242.6290, 6.0989,
3.8334

■ 136.2230, 18.6241,
-0.1956

■ 110.8100, 18.3347,
-0.7104

■ 86.2830, 17.6085,
-1.1252

■ 62.7560, 16.8823,
-1.5400

■ 40.8160, 15.8667,
-2.4696

■ 19.2890, 15.1405,

-2.8845

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 189.8640, 19.7870,
0.1193

■ 189.8640, 19.7870,
0.1193

■ 170.6820, 29.2438,
0.2789

■ 209.0460, 10.3303,
-0.0403

■ 151.5000, 38.7005,
0.4385

■ 228.2280, 0.8736,
-0.2000

■ 132.3180, 48.1572,
0.5981

■ 247.4100, -8.5831,
-0.3596

■ 112.8370, 57.7614,
0.1430

■ 252.1500,
-10.9200, 2.4994

■ 93.6550, 67.2181,
0.3026

■ 74.4730, 76.6748,
0.4622

■ 55.2910, 86.1315,
0.6218

■ 37.5820, 94.8621,
0.3666

Harmonies

Analogous

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



185.2630, 24.5203, -24.7867



189.8640, 19.7870, 0.1193



191.6020, 10.5492, 23.1510

Triad

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



189.8640, 19.7870, 0.1193



189.2310, -20.3269, 33.1234



177.7620, 4.0613, -42.7643

Complementary

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



189.8640, 19.7870, 0.1193



222.1360, -19.7870, -0.1193

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.



181.0280, -9.3808, -24.5806



189.8640, 19.7870, 0.1193



187.0350, -23.1883, 17.5093

Square

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



189.8640, 19.7870, 0.1193



190.7510, -12.2022, 40.5604



183.9400, -19.1974, -2.5784



177.2090, 16.1660, -51.9263

Rectangle

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



189.8640, 19.7870, 0.1193



191.7190, 3.0965, 33.5724



183.9400, -19.1974, -2.5784



178.8290, -0.9017, -37.5610

Sweetspot

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



189.8640, 19.7870, 0.1193



242.3080, 6.2572, -0.2701



210.9520, 9.3907, -25.3909



120.3250, 3.7838, -0.2850



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.



189.8640, 19.7870, 0.1193



201.5850, 26.3336, 0.3640



197.0400, 16.2493, 14.8739



104.9660, 4.9468, 0.0298



29.3760, 73.7646, 0.5472



8.5050, 20.9500, 0.4341

Inverse Universe

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



200.9120, 10.3964, 25.5102



216.1780, 13.7162, 34.0469



214.9600, -16.2493, -14.8739



107.7280, 2.5991, 6.3775



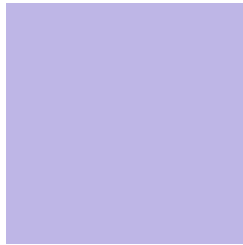
70.5070, 38.6970, 95.1484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 189.8640, 19.7870, 0.1193 looks on a white background.

Color Contrast Check

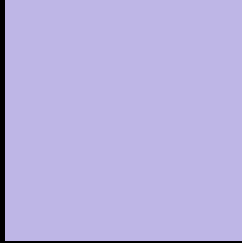
Large Text (above 18pt) WCAG AA × Fail

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 189.8640, 19.7870, 0.1193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

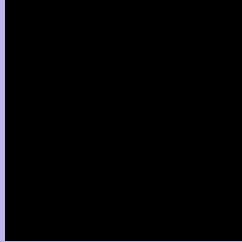
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.8640, 19.7870, 0.1193

Background



This preview shows how black text looks on a background with the YUV color 189.8640, 19.7870, 0.1193.



This preview shows how white text looks on a background with the YUV color 189.8640, 19.7870,

0.1193.

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

189.8640, 19.7870, 0.1193

Protanopia

188.6670, 21.8562, -10.2320

Deuteranopia

189.5430, 19.9453, -3.9842



Tritanopia

188.1120, 6.8468, -2.7292

Trichromacy



Original Color

189.8640, 19.7870, 0.1193

Protanomaly

189.4610, 20.9717, -6.5433

Deuteranomaly

189.5540, 19.9399, -2.2399

Tritanomaly

188.6760, 11.4987, -1.4699

Monochromacy



Original Color

189.8640, 19.7870, 0.1193

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8640, 19.7870, 0.1193 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(190, 182, 230)` looks like.

```
.text, #text, p{  
    color:rgb(190, 182, 230)  
}
```

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(190, 182, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 182, 230) }
```

Border

The CSS property to change the border of an element to YUV 189.8640, 19.7870, 0.1193 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(190, 182, 230) }
```


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

```
.border{ border-color:rgb(190, 182, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 182, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 182, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 182, 230);  
box-shadow:4px 4px 4px 4px rgb(190, 182,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 189.8640, 19.7870, 0.1193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 182, 230) }
```

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

```
.background{ background-color: rgb(190,  
182, 230) }
```

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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