

Converting Colors

YUV(194.8230, 11.9193, 3.6632)

Have a look what the booklet for
YUV(194.8230, 11.9193, 3.6632)
contains.

YUV(194.8230, 11.9193, 3.6632)	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(194.8230, 11.9193,
3.6632)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BCDB
RGB	199, 188, 219
RGB Percent	78%, 74%, 86%
CMY	0.2196, 0.2627, 0.1412
CMYK	0.09, 0.14, 0.00, 0.14
HSL	261°, 30%, 80%
HSV	261°, 14%, 86%
XYZ	54.3226, 53.2230, 74.4278
YIQ	194.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

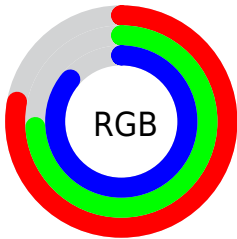
Format	Color
R_{YB}	199, 188, 219
Decimal	13090011
CIE _{Lab}	78.01, 9.74, -14.10
CIE _{LCh}	78, 17.135, 304.633
Yxy	53.2230, 0.2985, 0.2925
Android (android.graphics.Color)	4291280091 (0xFFC7BCDB)
YUV	194.8230, 11.9193, 3.6632
Hunter-Lab	72.9541, 5.2437, -9.4198

Details

The YUV color **194.8230, 11.9193, 3.6632** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **212.1770, -11.9193, -3.6632**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.5430, 3.1833, 5.6628**, and **141.2960, 11.1931, 3.2484** is the 20% darker color. If you saturate the color by 10%, you get **177.7230, 20.3496, 6.3819**, and if you desaturate by 10%, it is **211.9230, 3.4890, 0.9445**.

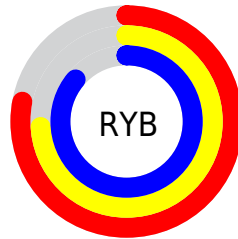
Distribution



Red (78%)

Green (74%)

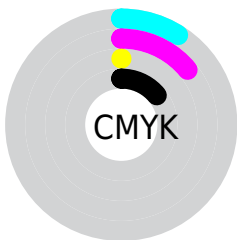
Blue (86%)



Red (78%)

Yellow (74%)

Blue (86%)

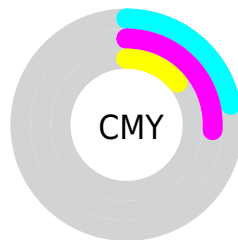


Cyan (9%)

Magenta (14%)

Yellow (0%)

Black (14%)



Cyan (22%)

Magenta (26%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.8230, 11.9193, 3.6632 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 194.8230, 11.9193, 3.6632 by changing the saturation by 10% instead.

■ 194.8230, 11.9193,
3.6632

■ 194.8230, 11.9193,
3.6632

255.0000, 0.0000,
0.0000

■ 167.7090, 11.4825,
3.7632

■ 248.5430, 3.1833,
5.6628

■ 141.2960, 11.1931,
3.2484

■ 115.2960, 11.1931,
3.2484

■ 90.7690, 10.4669,
2.8336

■ 67.3560, 10.1775,
2.3188

■ 45.1280, 9.3039,
2.5187

■ 24.3020, 8.7251,

1.4891

■ 2.5080, 9.6096,
-2.1995

■ 0.0000, 0.0000,
0.0000

■ 194.8230, 11.9193,
3.6632

■ 194.8230, 11.9193,
3.6632

■ 177.7230, 20.3496,
6.3819

■ 211.9230, 3.4890,
0.9445

■ 160.6230, 28.7799,
9.1006

■ 229.0230, -4.9413,
-1.7742

■ 143.5230, 37.2102,
11.8193

■ 246.1230,
-13.3716, -4.4929

■ 126.1240, 45.7879,
13.9233

■ 250.8960,
-15.7247, 3.5992

■ 109.6110, 53.9288,
16.1272

■ 92.5110, 62.3591,
18.8459

■ 75.4110, 70.7894,
21.5646

■ 58.3110, 79.2197,
24.2833

■ 48.2880, 84.1610,
26.0574

Harmonies

Analogous

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



192.0490, 15.7518, -12.3210



194.8230, 11.9193, 3.6632



196.1900, 5.3293, 17.3734

Triad

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



194.8230, 11.9193, 3.6632



193.7610, -14.1792, 21.2576



187.1490, 3.8705, -28.1947

Complementary

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



194.8230, 11.9193, 3.6632



212.1770, -11.9193, -3.6632

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.



188.3260, -4.5977, -18.7029



194.8230, 11.9193, 3.6632



192.3420, -15.4516, 9.3471

Square

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



194.8230, 11.9193, 3.6632



194.9450, -9.8329, 27.2352



189.8780, -11.7719, -4.2780



187.0760, 11.3015, -31.6387

Rectangle

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



194.8230, 11.9193, 3.6632



195.8550, 0.0715, 23.8062



189.8780, -11.7719, -4.2780



187.3620, 0.8075, -25.7505

Sweetspot

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



194.8230, 11.9193, 3.6632



247.0370, 3.9258, 0.8446



203.2740, 7.7529, -13.3953



122.3960, 2.7628, 0.5297



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.



194.8230, 11.9193, 3.6632



221.3870, 16.5712, 4.9226



199.3080, 9.7082, 12.8849



101.4500, 4.2151, 1.3593



38.2600, 66.4268, 20.8200



10.0280, 17.7342, 5.2374

Inverse Universe

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



199.5490, 4.1663, 17.0585



228.0490, 5.8918, 23.6360



207.6920, -9.7082, -12.8849



103.0870, 1.4361, 6.0627



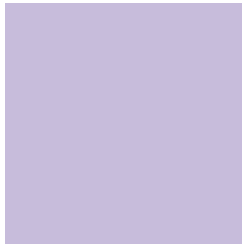
64.4950, 23.4200, 95.1589



17.1740, 6.3232, 25.2804

Previews

White Background



This preview shows how the YUV color 194.8230, 11.9193, 3.6632 looks on a white background.

Color Contrast Check

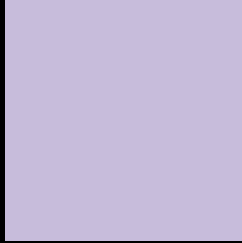
Large Text (above 18pt) WCAG AA × Fail

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 194.8230, 11.9193, 3.6632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

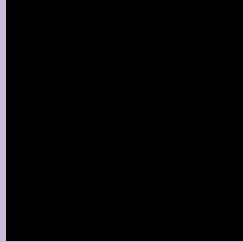
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.8230, 11.9193, 3.6632

Background



This preview shows how black text looks on a background with the YUV color 194.8230, 11.9193, 3.6632.



This preview shows how white text looks on a background with the YUV color 194.8230, 11.9193,

3.6632.

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

194.8230, 11.9193, 3.6632

Protanopia

193.5230, 13.5462, -4.8437

Deuteranopia

194.8230, 11.9193, 3.6632



Tritanopia

193.8030, 5.5201, 2.8038

Trichromacy



Original Color

194.8230, 11.9193, 3.6632

Protanomaly

194.0180, 12.8091, -1.7698

Deuteranomaly

194.8230, 11.9193, 3.6632

Tritanomaly

194.0850, 7.8461, 3.4335

Monochromacy



Original Color

194.8230, 11.9193, 3.6632

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.5640, 4.6519, 1.2594

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.8230, 11.9193, 3.6632 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(199, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 219)  
}
```

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(199, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 219) }
```

Border

The CSS property to change the border of an element to YUV 194.8230, 11.9193, 3.6632 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(199, 188, 219) }
```


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

```
.border{ border-color:rgb(199, 188, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 194.8230, 11.9193, 3.6632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 219) }
```

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

```
.background{ background-color: rgb(199,  
188, 219) }
```

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