

Converting Colors

YUV(193.1480, 15.7030, 3.3782)

Have a look what the booklet for
YUV(193.1480, 15.7030, 3.3782)
contains.

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Color

**YUV(193.1480, 15.7030,
3.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B9E1
RGB	197, 185, 225
RGB Percent	77%, 73%, 88%
CMY	0.2275, 0.2745, 0.1176
CMYK	0.12, 0.18, 0.00, 0.12
HSL	258°, 40%, 80%
HSV	258°, 18%, 88%
XYZ	53.9655, 52.0045, 78.4277
YIQ	193.1480, -5.6880, 14.9840

Conversions

Conversions Part 2

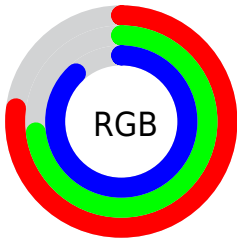
Format	Color
R_{YB}	197, 185, 225
Decimal	12958177
CIE _{Lab}	77.28, 11.94, -18.45
CIE _{LCh}	77, 21.976, 302.921
Yxy	52.0045, 0.2927, 0.2820
Android (android.graphics.Color)	4291148257 (0xFFC5B9E1)
YUV	193.1480, 15.7030, 3.3782
Hunter-Lab	72.1141, 7.3781, -14.0010

Details

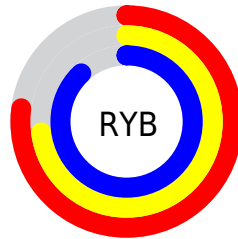
The YUV color **193.1480, 15.7030, 3.3782** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **216.8520, -15.7030, -3.3782**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.4830, 4.1989, 6.5924**, and **139.6210, 14.9768, 2.9634** is the 20% darker color. If you saturate the color by 10%, you get **175.4500, 24.4281, 4.8673**, and if you desaturate by 10%, it is **211.4330, 6.6885, 1.3743**.

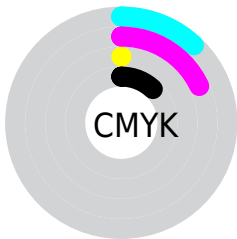
Distribution



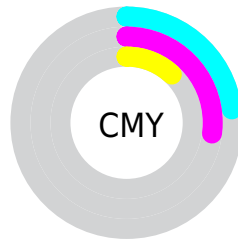
- Red (77%)
- Green (73%)
- Blue (88%)



- Red (77%)
- Yellow (73%)
- Blue (88%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1480, 15.7030, 3.3782 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 193.1480, 15.7030, 3.3782 by changing the saturation by 10% instead.

■ 193.1480, 15.7030,
3.3782

■ 193.1480, 15.7030,
3.3782

255.0000, 0.0000,
0.0000

■ 166.0340, 15.2662,
3.4782

■ 246.4830, 4.1989,
6.5924

■ 139.6210, 14.9768,
2.9634

■ 114.0940, 14.2507,
2.5486

■ 89.5670, 13.5245,
2.1337

■ 65.5670, 13.5245,
2.1337

■ 43.6270, 12.5089,
1.2041

■ 23.1000, 11.7827,

0.7893

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 193.1480, 15.7030,
3.3782

■ 193.1480, 15.7030,
3.3782

■ 175.4500, 24.4281,
4.8673

■ 211.4330, 6.6885,
1.3743

■ 157.4640, 33.2952,
7.4861

■ 228.8320, -1.8892,
-0.7297

■ 139.1790, 42.3098,
9.4900

■ 247.1170,
-10.9037, -2.7336

■ 121.4810, 51.0349,
10.9792

■ 251.5800,
-13.1039, 2.9993

■ 103.7830, 59.7600,
12.4683

■ 85.7970, 68.6271,
15.0870

■ 68.0990, 77.3522,
16.5762

■ 49.8140, 86.3667,
18.5801

■ 45.9820, 88.2559,
19.3098

Harmonies

Analogous

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



189.8680, 20.2781, -17.4242



193.1480, 15.7030, 3.3782



194.4940, 7.6445, 21.4918

Triad

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



193.1480, 15.7030, 3.3782



191.4690, -17.9792, 26.7757



183.2080, 4.3345, -37.0164

Complementary

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



193.1480, 15.7030, 3.3782



216.8520, -15.7030, -3.3782

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.



185.1360, -6.4760, -22.9213



193.1480, 15.7030, 3.3782



189.9250, -19.6830, 13.2208

Square

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



193.1480, 15.7030, 3.3782



193.2340, -11.4544, 33.9978



187.2540, -15.4082, -4.6078



183.1070, 14.2442, -42.1898

Rectangle

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



193.1480, 15.7030, 3.3782



194.8280, 1.0708, 29.9688



187.2540, -15.4082, -4.6078



183.3180, 0.8292, -32.7279

Sweetspot

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



193.1480, 15.7030, 3.3782



244.6780, 5.0887, 1.1594



205.9960, 9.3690, -18.4135



121.5100, 3.1996, 0.4297



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.



193.1480, 15.7030, 3.3782



212.2390, 21.0812, 5.0524



199.1280, 12.7549, 15.6737



103.1510, 4.3626, 0.7446



35.9110, 69.0639, 14.9871



9.9570, 18.7552, 4.4227

Inverse Universe

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



200.1520, 6.3341, 21.7917



221.4780, 8.6383, 29.3988



210.8720, -12.7549, -15.6737



105.2010, 1.8729, 5.9627



66.6460, 27.7825, 95.9035



18.2280, 7.7756, 26.1100

Previews

White Background



This preview shows how the YUV color 193.1480, 15.7030, 3.3782 looks on a white background.

Color Contrast Check

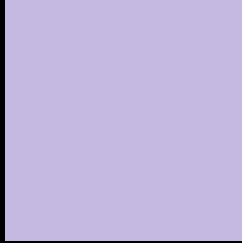
Large Text (above 18pt) WCAG AA × Fail

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 193.1480, 15.7030, 3.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

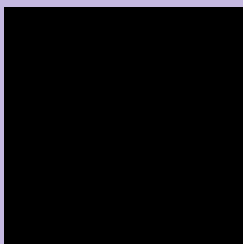
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.1480, 15.7030, 3.3782

Background



This preview shows how black text looks on a background with the YUV color 193.1480, 15.7030, 3.3782.



This preview shows how white text looks on a background with the YUV color 193.1480, 15.7030, 3.3782.

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

193.1480, 15.7030, 3.3782

Protanopia

191.6520, 17.9196, -7.5878

Deuteranopia

192.5390, 16.0033, 0.4043



Tritanopia

191.9060, 5.9623, 0.9594

Trichromacy



Original Color

193.1480, 15.7030, 3.3782

Protanomaly

192.4460, 17.0351, -3.8991

Deuteranomaly

192.8380, 15.8559, 1.0191

Tritanomaly

192.5300, 9.5987, 1.2892

Monochromacy



Original Color

193.1480, 15.7030, 3.3782

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1480, 15.7030, 3.3782 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(197, 185, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 225)  
}
```

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(197, 185, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 225) }
```

Border

The CSS property to change the border of an element to YUV 193.1480, 15.7030, 3.3782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

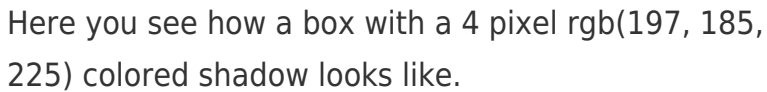
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 185, 225) }
```


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

```
.border{ border-color:rgb(197, 185, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 185, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 185, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 185, 225); box-shadow:4px 4px 4px 4px rgb(197, 185, 225) }
```

Background

The CSS property to change the background color of an element to YUV 193.1480, 15.7030, 3.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 225) }
```

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

```
.background{ background-color: rgb(197,  
185, 225) }
```

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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