

Converting Colors

YUV(193.7170, 2.6045, 4.6332)

Have a look what the booklet for
YUV(193.7170, 2.6045, 4.6332)
contains.

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Color

**YUV(193.7170, 2.6045,
4.6332)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BEC7
RGB	199, 190, 199
RGB Percent	78%, 75%, 78%
CMY	0.2196, 0.2549, 0.2196
CMYK	0.00, 0.05, 0.00, 0.22
HSL	300°, 7%, 76%
HSV	300°, 5%, 78%
XYZ	52.2754, 53.0925, 61.5255
YIQ	193.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

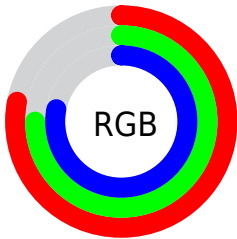
Format	Color
R_{YB}	199, 190, 199
Decimal	13090503
CIE _{Lab}	77.93, 4.79, -3.40
CIE _{LCh}	78, 5.874, 324.644
Yxy	53.0925, 0.3132, 0.3181
Android (android.graphics.Color)	4291280583 (0xFFC7BEC7)
YUV	193.7170, 2.6045, 4.6332
Hunter-Lab	72.8646, 0.5486, 0.9419

Details

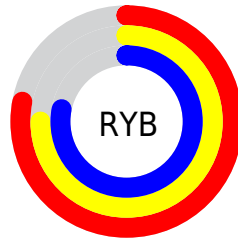
The YUV color `193.7170, 2.6045, 4.6332` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `195.2830, -2.6045, -4.6332`, and the grayscale version is `194.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `249.7170, 2.6045, 4.6332`, and `140.3040, 2.3151, 4.1184` is the 20% darker color. If you saturate the color by 10%, you get `181.9770, 8.3923, 14.9292`, and if you desaturate by 10%, it is `205.4570, -3.1833, -5.6628`.

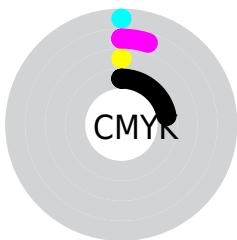
Distribution



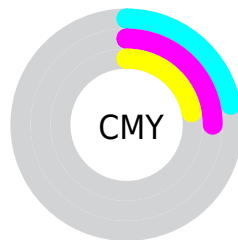
- Red (78%)
- Green (75%)
- Blue (78%)



- Red (78%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.7170, 2.6045, 4.6332 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 193.7170, 2.6045, 4.6332 by changing the saturation by 10% instead.

 193.7170, 2.6045,
4.6332


 193.7170, 2.6045,
4.6332


255.0000, 0.0000,
0.0000


 166.7170, 2.6045,
4.6332


 249.7170, 2.6045,
4.6332

 140.3040, 2.3151,
4.1184

 114.4180, 2.7519,
4.0184

 90.3040, 2.3151,
4.1184

 66.8910, 2.0257,
3.6036

 44.8910, 2.0257,
3.6036

 23.8910, 2.0257,

3.6036

■ 0.0000, 0.0000,
0.0000

■ 193.7170, 2.6045,
4.6332

■ 193.7170, 2.6045,
4.6332

■ 181.9770, 8.3923,
14.9292

■ 205.4570, -3.1833,
-5.6628

■ 170.2370, 14.1802,
25.2252

■ 217.1970, -8.9711,
-15.9588

■ 158.4970, 19.9680,
35.5211

■ 228.9370,
-14.7589, -26.2547

■ 146.7570, 25.7558,
45.8171

■ 231.8720,
-16.2059, -28.8287

■ 135.6040, 31.2542,
55.5983

■ 123.8640, 37.0420,
65.8943

■ 112.1240, 42.8299,
76.1903

■ 100.3840, 48.6177,
86.4862

■ 88.6440, 54.4055,
96.7822

Harmonies

Analogous

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



193.4390, 4.2206, -0.3850



193.7170, 2.6045, 4.6332



193.7560, 0.1203, 8.1070

Triad

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



193.7170, 2.6045, 4.6332



192.6540, -5.2524, 4.6884



191.3300, 2.7953, -9.9364

Complementary

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



193.7170, 2.6045, 4.6332



195.2830, -2.6045, -4.6332

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.



190.9450, 0.0271, -8.7218



193.7170, 2.6045, 4.6332



192.1480, -4.5100, -0.1298

Square

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



193.7170, 2.6045, 4.6332



193.2030, -4.5371, 8.5920



191.2830, -2.6045, -4.6332



191.4980, 4.6845, -9.2067

Rectangle

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



193.7170, 2.6045, 4.6332



193.8980, -1.9217, 9.7365



191.2830, -2.6045, -4.6332



191.1020, 1.9217, -9.7365

Sweetspot

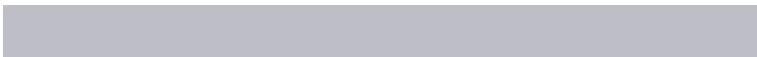
The Sweet Spot groups the original color and five complimentary colors.



193.7170, 2.6045, 4.6332



253.2390, 0.8682, 1.5444



191.0260, 3.9312, -0.8998



126.8260, 0.5788, 1.0296



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.



193.7170, 2.6045, 4.6332



247.3690, 3.7621, 6.6924



193.2610, 0.8573, 5.0331



95.4780, 1.7363, 3.0888



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Inverse Universe

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



193.7170, 2.6045, 4.6332



247.3690, 3.7621, 6.6924



195.8530, -0.4205, -5.1331



95.4780, 1.7363, 3.0888



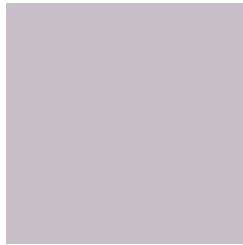
67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 193.7170, 2.6045, 4.6332 looks on a white background.

Color Contrast Check

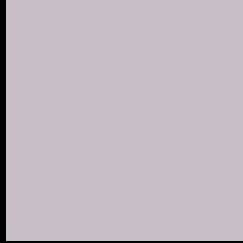
Large Text (above 18pt) WCAG AA × Fail

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 193.7170, 2.6045, 4.6332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

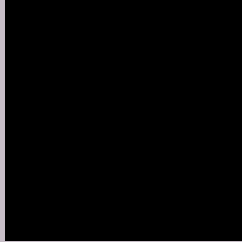
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

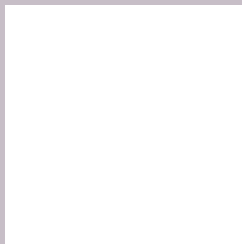
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.7170, 2.6045, 4.6332

Background



This preview shows how black text looks on a background with the YUV color 193.7170, 2.6045, 4.6332.



This preview shows how white text looks on a background with the YUV color 193.7170, 2.6045,

4.6332.

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

193.7170, 2.6045, 4.6332

Protanopia

193.5100, 3.1996, 0.4297

Deuteranopia

194.7610, 2.5828, 11.6106



Tritanopia

193.9990, 4.9305, 5.2629

Trichromacy



Original Color

193.7170, 2.6045, 4.6332

Protanomaly

193.5210, 3.1941, 2.1741

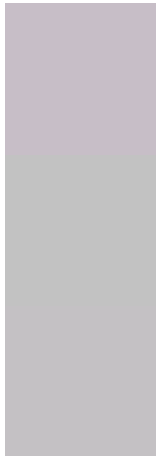
Deuteranomaly

194.4510, 2.7357, 9.2515

Tritanomaly

193.7710, 4.0569, 5.4628

Monochromacy



Original Color

193.7170, 2.6045, 4.6332

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.2390, 0.8682, 1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7170, 2.6045, 4.6332 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, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 190, 199)  
}
```

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, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 190, 199) }
```

Border

The CSS property to change the border of an element to YUV 193.7170, 2.6045, 4.6332 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, 190, 199) }
```


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

```
.border{ border-color:rgb(199, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 190,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 193.7170, 2.6045, 4.6332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 190, 199) }
```

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

```
.background{ background-color: rgb(199,  
190, 199) }
```

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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