

Converting Colors

YUV(193.7160, 7.5350, 9.8961)

Have a look what the booklet for
YUV(193.7160, 7.5350, 9.8961)
contains.

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Color

**YUV(193.7160, 7.5350,
9.8961)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB9D1
RGB	205, 185, 209
RGB Percent	80%, 73%, 82%
CMY	0.1961, 0.2745, 0.1804
CMYK	0.02, 0.11, 0.00, 0.18
HSL	290°, 21%, 77%
HSV	290°, 11%, 82%
XYZ	54.0344, 52.2805, 67.5648
YIQ	193.7160, 4.2160, 11.7040

Conversions

Conversions Part 2

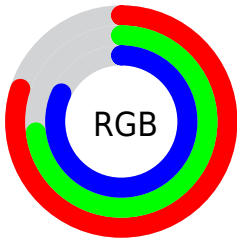
Format	Color
R_{YB}	205, 185, 209
Decimal	13482449
CIE Lab	77.45, 11.41, -9.47
CIE LCh	77, 14.828, 320.304
Yxy	52.2805, 0.3108, 0.3007
Android (android.graphics.Color)	4291672529 (0xFFCDB9D1)
YUV	193.7160, 7.5350, 9.8961
Hunter-Lab	72.3053, 6.8606, -4.7892

Details

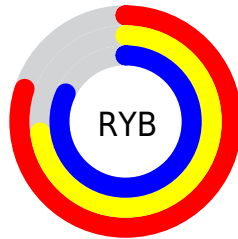
The YUV color **193.7160, 7.5350, 9.8961** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200.2840, -7.5350, -9.8961**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7820, 4.0515, 7.2072**, and **140.3030, 7.2456, 9.3813** is the 20% darker color. If you saturate the color by 10%, you get **180.4920, 14.0544, 18.8625**, and if you desaturate by 10%, it is **206.9400, 1.0156, 0.9296**.

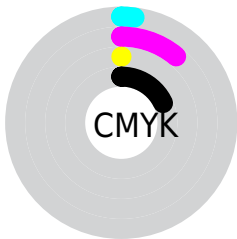
Distribution



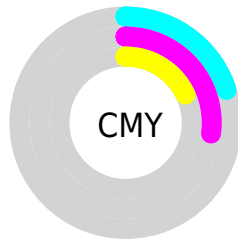
- Red (80%)
- Green (73%)
- Blue (82%)



- Red (80%)
- Yellow (73%)
- Blue (82%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.7160, 7.5350, 9.8961 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 193.7160, 7.5350, 9.8961 by changing the saturation by 10% instead.

■ 193.7160, 7.5350,
9.8961

■ 193.7160, 7.5350,
9.8961

255.0000, 0.0000,
0.0000

■ 166.3030, 7.2456,
9.3813

■ 246.7820, 4.0515,
7.2072

■ 140.3030, 7.2456,
9.3813

■ 114.8900, 6.9562,
8.8665

■ 89.7760, 6.5194,
8.9664

■ 66.3630, 6.2300,
8.4516

■ 44.0640, 6.3774,
7.8369

■ 23.2380, 5.7987,

6.8073

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 193.7160, 7.5350,
9.8961

■ 193.7160, 7.5350,
9.8961

■ 180.4920, 14.0544,
18.8625

■ 206.9400, 1.0156,
0.9296

■ 166.9690, 20.7213,
27.2142

■ 220.4630, -5.6513,
-7.4221

■ 153.7450, 27.2407,
36.1806

■ 233.6870,
-12.1707, -16.3885

■ 140.2220, 33.9076,
44.5323

■ 238.9920,
-14.7861, -17.5330

■ 126.9980, 40.4270,
53.4988

■ 239.8890,
-15.2283, -15.6887

■ 114.0620, 46.8044,
61.3356

■ 241.0850,
-15.8179, -13.2295

■ 100.8380, 53.3239,
70.3021

■ 241.9820,
-16.2601, -11.3852

■ 87.3150, 59.9907,
78.6537

■ 243.1780,
-16.8498, -8.9261

■ 75.8520, 65.6420,
86.0758

■ 244.0750,
-17.2920, -7.0818

Harmonies

Analogous

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



191.8930, 12.3778, -3.4142



193.7160, 7.5350, 9.8961



194.0610, 0.9559, 20.1175

Triad

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



193.7160, 7.5350, 9.8961



191.6460, -13.1365, 13.4655



186.2570, 6.7753, -26.5354

Complementary

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



193.7160, 7.5350, 9.8961



200.2840, -7.5350, -9.8961

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.



186.7540, -0.3717, -20.8323



193.7160, 7.5350, 9.8961



189.6230, -11.6461, 2.0846

Square

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



193.7160, 7.5350, 9.8961



192.9720, -10.8322, 21.0726



188.2840, -7.5350, -9.8961



187.3480, 12.1534, -24.8612

Rectangle

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



193.7160, 7.5350, 9.8961



193.9320, -3.4175, 22.8616



188.2840, -7.5350, -9.8961



186.9860, 4.4439, -25.4207

Sweetspot

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



193.7160, 7.5350, 9.8961



250.0050, 2.4625, 3.5036



190.0840, 9.3256, -4.4587



124.1790, 1.8838, 2.4740



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.



193.7160, 7.5350, 9.8961



232.0740, 11.3025, 14.8441



194.0000, 3.4510, 13.1550



97.9450, 3.4781, 4.4332



61.0120, 52.7451, 69.2725



14.8400, 12.8969, 16.8033

Inverse Universe

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



192.6320, -1.7906, 14.3547



230.4480, -2.6859, 21.5321



200.0000, -3.4510, -13.1550



97.5170, -0.7479, 6.5626



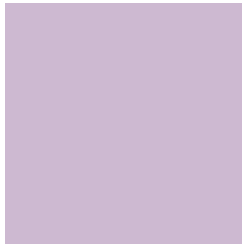
53.4240, -12.5340, 100.4832



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 193.7160, 7.5350, 9.8961 looks on a white background.

Color Contrast Check

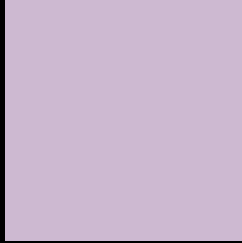
Large Text (above 18pt) WCAG AA × Fail

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 193.7160, 7.5350, 9.8961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

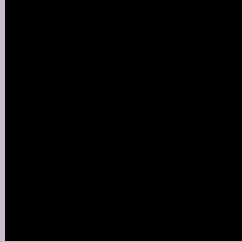
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.7160, 7.5350, 9.8961

Background



This preview shows how black text looks on a background with the YUV color 193.7160, 7.5350, 9.8961.



This preview shows how white text looks on a background with the YUV color 193.7160, 7.5350,

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

193.7160, 7.5350, 9.8961

Protanopia

192.2090, 9.7570, -2.8143

Deuteranopia

193.4060, 7.6878, 7.5369



Tritanopia

193.0920, 3.8986, 9.5663

Trichromacy



Original Color

193.7160, 7.5350, 9.8961

Protanomaly

192.7150, 9.0145, 2.0039

Deuteranomaly

193.7050, 7.5404, 8.1517

Tritanomaly

193.4340, 5.2090, 9.2664

Monochromacy



Original Color

193.7160, 7.5350, 9.8961

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7160, 7.5350, 9.8961 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(205, 185, 209)` looks like.

```
.text, #text, p{  
    color:rgb(205, 185, 209)  
}
```

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(205, 185, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 185, 209) }
```

Border

The CSS property to change the border of an element to YUV 193.7160, 7.5350, 9.8961 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(205, 185, 209) }
```


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

```
.border{ border-color:rgb(205, 185, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 185, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 185, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 185, 209);  
box-shadow:4px 4px 4px 4px rgb(205, 185,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 193.7160, 7.5350, 9.8961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 185, 209) }
```

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

```
.background{ background-color: rgb(205,  
185, 209) }
```

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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