

Converting Colors

YUV(193.9620, -35.9703,
10.5573)

Have a look what the booklet for
YUV(193.9620, -35.9703, 10.5573)
contains.

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Color

**YUV(193.9620, -35.9703,
10.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	CECA79
RGB	206, 202, 121
RGB Percent	81%, 79%, 47%
CMY	0.1922, 0.2078, 0.5255
CMYK	0.00, 0.02, 0.41, 0.19
HSL	57°, 46%, 64%
HSV	57°, 41%, 81%
XYZ	50.0253, 56.7433, 26.4051
YIQ	193.9620, 28.3850, -24.3430

Conversions

Conversions Part 2

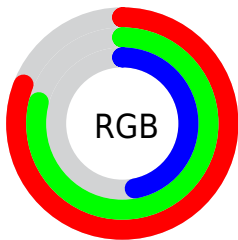
Format	Color
R _{YB}	125, 206, 121
Decimal	13552249
CIE Lab	80.04, -10.25, 40.86
CIE LCh	80, 42.123, 104.082
Yxy	56.7433, 0.3756, 0.4261
Android (android.graphics.Color)	4291742329 (0xFFCECA79)
YUV	193.9620, -35.9703, 10.5573
Hunter-Lab	75.3282, -13.2828, 31.9466

Details

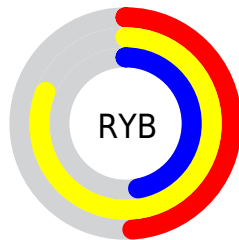
The YUV color $193.9620, -35.9703, 10.5573$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $133.0380, 35.9703, -10.5573$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.8800, -34.9438, 7.9982$, and $139.7060, -34.3651, 9.0278$ is the 20% darker color. If you saturate the color by 10%, you get $190.9810, -44.8536, 13.1717$, and if you desaturate by 10%, it is $196.9430, -27.0869, 7.9430$.

Distribution



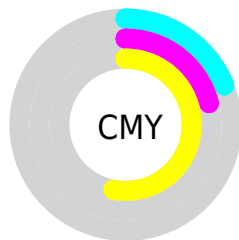
- Red (81%)
- Green (79%)
- Blue (47%)



- Red (49%)
- Yellow (81%)
- Blue (47%)



- Cyan (0%)
- Magenta (2%)
- Yellow (41%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.9620, -35.9703, 10.5573 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 193.9620, -35.9703, 10.5573 by changing the saturation by 10% instead.

■ 193.9620,
-35.9703, 10.5573

■ 193.9620,
-35.9703, 10.5573

255.0000, 0.0000,
0.0000

■ 166.7770,
-35.3861, 9.8426

■ 245.8800,
-34.9438, 7.9982

■ 139.7060,
-34.3651, 9.0278

■ 248.9580,
-23.1503, 5.2988

■ 113.6350,
-33.3441, 8.2131

■ 252.2640,
-10.4832, 2.3995

■ 88.8090, -33.9228,
7.1835

■ 64.9660, -32.0282,
6.1688

■ 44.8760, -22.1239,
2.7397

■ 25.0740, -12.3615,

-1.8189

■ 0.0000, 0.0000,
0.0000

■ 193.9620,
-35.9703, 10.5573

■ 193.9620,
-35.9703, 10.5573

■ 190.9810,
-44.8536, 13.1717

■ 196.9430,
-27.0869, 7.9430

■ 188.1140,
-53.3002, 15.6860

■ 199.8100,
-18.6403, 5.4286

■ 185.1330,
-62.1836, 18.3004

■ 202.7910, -9.7570,
2.8143

■ 182.2660,
-70.6301, 20.8147

■ 205.6580, -1.3104,
0.2999

■ 179.2850,
-79.5135, 23.4291

■ 208.6390, 7.5730,
-2.3144

■ 176.6460,
-87.0865, 25.7435

■ 211.6200, 16.4563,
-4.9287

■ 213.3470, 20.5349,
-6.4433

■ 213.9340, 20.2455,
-6.9581

■ 214.5210, 19.9561,
-7.4729

Harmonies

Analogous

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



197.6220, -36.7886, 39.7965



193.9620, -35.9703, 10.5573



188.9560, -23.6423, -23.6404

Triad

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



193.9620, -35.9703, 10.5573



166.2840, 42.2580, -114.2591



201.2290, 9.7471, 47.1572

Complementary

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



193.9620, -35.9703, 10.5573



133.0380, 35.9703, -10.5573

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.



203.4780, 25.4003, 19.7518



193.9620, -35.9703, 10.5573



182.2620, 35.8598, -68.6358

Square

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



193.9620, -35.9703, 10.5573



170.2090, 22.5750, -101.0383



195.5500, 29.3089, -20.6533



195.4950, -7.1460, 52.1859

Rectangle

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



193.9620, -35.9703, 10.5573



184.8310, -10.7627, -48.0868



195.5500, 29.3089, -20.6533



203.8740, 14.8521, 43.0835

Sweetspot

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



193.9620, -35.9703, 10.5573



250.8790, -13.2513, 3.6141



146.8710, -10.7824, 51.8561



125.3610, -7.5730, 2.3144



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.



193.9620, -35.9703, 10.5573



237.0000, -53.7370, 15.7860



184.9480, -31.5264, -14.8634



100.8600, -4.3680, 0.9998



142.3800, -70.1933, 20.7147



32.4940, -16.0195, 4.8288

Inverse Universe

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



133.0380, 35.9703, -10.5573



145.4130, 54.0264, -15.2712



142.0520, 31.5264, 14.8634



93.1400, 4.3680, -0.9998



23.6200, 70.1933, -20.7147



5.5060, 16.0195, -4.8288

Previews

White Background



This preview shows how the YUV color 193.9620, -35.9703, 10.5573 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 193.9620, -35.9703, 10.5573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

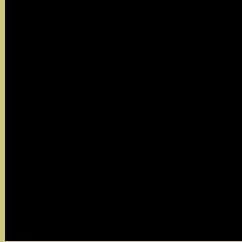
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.9620, -35.9703, 10.5573

Background



This preview shows how black text looks on a background with the YUV color 193.9620, -35.9703, 10.5573.



This preview shows how white text looks on a background with the YUV color 193.9620, -35.9703, 10.5573.

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

193.9620, -35.9703, 10.5573

Protanopia

194.7890, -36.8710, 19.4790

Deuteranopia

196.8390, -35.9096, 37.8522



Tritanopia

200.8860, 3.0142, 13.2550

Trichromacy



Original Color

193.9620, -35.9703, 10.5573

Protanomaly

194.1800, -36.5707, 16.5051

Deuteranomaly

196.0720, -36.0245, 28.0009

Tritanomaly

198.5040, -11.0945, 11.8360

Monochromacy



Original Color

193.9620, -35.9703, 10.5573

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.8790, -13.2513, 3.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.9620, -35.9703, 10.5573 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(206, 202, 121)` looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 121)  
}
```

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(206, 202, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 121) }
```

Border

The CSS property to change the border of an element to YUV 193.9620, -35.9703, 10.5573 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(206, 202, 121) }
```


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

```
.border{ border-color:rgb(206, 202, 121) }
```

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

Here you see how a box with a 4 pixel rgb(206, 202, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 121);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 193.9620, -35.9703, 10.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 121) }
```

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

```
.background{ background-color: rgb(206,  
202, 121) }
```

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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