

Converting Colors

YUV(194.0430, -55.7302,
1.7163)

Have a look what the booklet for
YUV(194.0430, -55.7302, 1.7163)
contains.

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Color

**YUV(194.0430, -55.7302,
1.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D751
RGB	196, 215, 81
RGB Percent	77%, 84%, 32%
CMY	0.2314, 0.1569, 0.6824
CMYK	0.09, 0.00, 0.62, 0.16
HSL	69°, 63%, 58%
HSV	69°, 62%, 84%
XYZ	48.5506, 60.9307, 16.9865
YIQ	194.0430, 31.6900, -45.7020

Conversions

Conversions Part 2

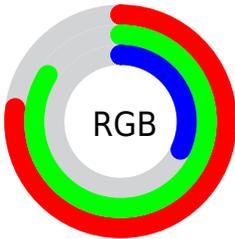
Format	Color
R _Y B	81, 215, 100
Decimal	12900177
CIE Lab	82.34, -24.20, 61.89
CIE LCh	82, 66.450, 111.354
Yxy	60.9307, 0.3839, 0.4818
Android (android.graphics.Color)	4291090257 (0xFFC4D751)
YUV	194.0430, -55.7302, 1.7163
Hunter-Lab	78.0581, -25.5783, 41.7384

Details

The YUV color **194.0430, -55.7302, 1.7163** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **101.9570, 55.7302, -1.7163**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4340, -51.9790, 11.8974**, and **137.6470, -58.4930, 1.1866** is the 20% darker color. If you saturate the color by 10%, you get **190.6380, -64.8975, 2.0715**, and if you desaturate by 10%, it is **197.3340, -46.9997, 1.4611**.

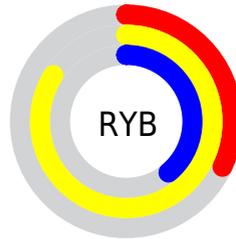
Distribution



Red (77%)

Green (84%)

Blue (32%)



Red (32%)

Yellow (84%)

Blue (39%)

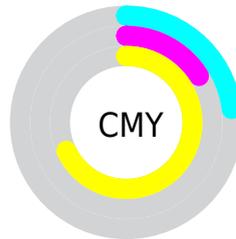


Cyan (9%)

Magenta (0%)

Yellow (62%)

Black (16%)



Cyan (23%)

Magenta (16%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.0430, -55.7302, 1.7163 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 194.0430, -55.7302, 1.7163 by changing the saturation by 10% instead.

■ 194.0430,
-55.7302, 1.7163

■ 194.0430,
-55.7302, 1.7163

■ 255.0000, 0.0000,
0.0000

■ 165.7440,
-55.5828, 1.1015

■ 241.4340,
-51.9790, 11.8974

■ 137.6470,
-58.4930, 1.1866

■ 244.6260,
-39.7486, 9.0980

■ 112.1460,
-55.2880, -0.1280

■ 247.8180,
-27.5183, 6.2986

■ 89.3980, -44.0732,
-3.8570

■ 251.1240,
-14.8511, 3.3993

■ 66.6500, -32.8585,
-7.5861

■ 254.4300, -2.1840,
0.4999

■ 45.0760, -22.2225,
-12.3447

■ 23.4910, -11.5811,

-18.8476

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 194.0430,
-55.7302, 1.7163

■ 194.0430,
-55.7302, 1.7163

■ 190.6380,
-64.8975, 2.0715

■ 197.3340,
-46.9997, 1.4611

■ 187.3470,
-73.6281, 2.3267

■ 200.7390,
-37.8323, 1.1059

■ 183.9420,
-82.7954, 2.6819

■ 204.1440,
-28.6650, 0.7507

■ 181.5200,
-89.4894, 3.0520

■ 207.4350,
-19.9345, 0.4955

■ 210.8400,
-10.7671, 0.1403

■ 214.1310, -2.0366,
-0.1149

■ 217.5360, 7.1308,
-0.4701

■ 220.8270, 15.8613,
-0.7253

■ 221.9520, 16.2927,
0.9191

Harmonies

Analogous

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



199.3740, -60.8234, 48.7840



194.0430, -55.7302, 1.7163



183.7380, -29.9438, -55.8982

Triad

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



194.0430, -55.7302, 1.7163



164.0800, 44.8236, -143.8982



190.6460, 17.4295, 56.4385

Complementary

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



194.0430, -55.7302, 1.7163



101.9570, 55.7302, -1.7163

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.



205.1050, 24.5982, 43.7579



194.0430, -55.7302, 1.7163



156.4490, 48.5856, -137.2058

Square

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



194.0430, -55.7302, 1.7163



166.2170, 40.3190, -145.7723



197.0450, 28.5718, -17.5795



184.0510, -10.3781, 62.2223

Rectangle

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



194.0430, -55.7302, 1.7163



155.9510, 3.4752, -135.0150



197.0450, 28.5718, -17.5795



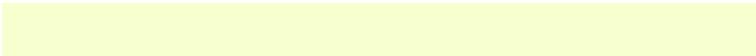
195.8610, 24.7185, 51.8649

Sweetspot

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



194.0430, -55.7302, 1.7163



247.4350, -19.9345, 0.4955



131.6320, -24.9616, 73.1137



123.0850, -12.3669, -0.0745



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.



194.0430, -55.7302, 1.7163



225.1530, -79.4484, 2.4968



174.3090, -46.0013, -38.8590



105.4470, -4.6574, 0.4850



144.3300, -71.1547, 2.3416



36.3040, -17.8979, 0.6104

Inverse Universe

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



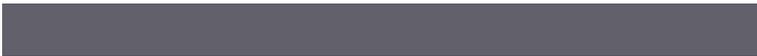
101.9570, 55.7302, -1.7163



93.8470, 79.4484, -2.4968



121.6910, 46.0013, 38.8590



97.8520, 4.5100, 0.1298



26.6700, 71.1547, -2.3416



6.6960, 17.8979, -0.6104

Previews

White Background



This preview shows how the YUV color 194.0430, -55.7302, 1.7163 looks on a white background.

Color Contrast Check

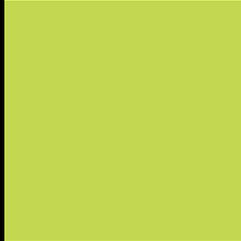
Large Text (above 18pt) WCAG AA × Fail

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 194.0430, -55.7302, 1.7163 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 194.0430, -55.7302, 1.7163

Background



This preview shows how black text looks on a background with the YUV color 194.0430, -55.7302, 1.7163.



This preview shows how white text looks on a background with the YUV color 194.0430, -55.7302, 1.7163.

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

194.0430, -55.7302, 1.7163

Protanopia

197.3990, -58.8637, 26.8371

Deuteranopia

199.7420, -55.5818, 47.5843



Tritanopia

205.5150, 5.6621, 3.9333

Trichromacy



Original Color

194.0430, -55.7302, 1.7163

Protanomaly

196.2730, -57.8156, 17.3006

Deuteranomaly

197.9310, -55.6750, 30.7555

Tritanomaly

201.3690, -16.4509, 3.1844

Monochromacy



Original Color

194.0430, -55.7302, 1.7163

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.3210, -20.3713, 0.5955

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.0430, -55.7302, 1.7163 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(196, 215, 81)` looks like.

```
.text, #text, p{  
    color:rgb(196, 215, 81)  
}
```

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(196, 215, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 215, 81) }
```

Border

The CSS property to change the border of an element to YUV 194.0430, -55.7302, 1.7163 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(196, 215, 81) }
```

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

```
.border{ border-color:rgb(196, 215, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 215, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 215, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 215, 81);  
box-shadow:4px 4px 4px 4px rgb(196, 215,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 194.0430, -55.7302, 1.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 215, 81) }
```

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

```
.background{ background-color: rgb(196,  
215, 81) }
```

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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