

Converting Colors

YUV(196.5340, -56.9583,
22.3337)

Have a look what the booklet for
YUV(196.5340, -56.9583, 22.3337)
contains.

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Color

**YUV(196.5340, -56.9583,
22.3337)**

Conversions

Conversions Part 1

Format	Color
Hex	DECE51
RGB	222, 206, 81
RGB Percent	87%, 81%, 32%
CMY	0.1294, 0.1922, 0.6824
CMYK	0.00, 0.07, 0.64, 0.13
HSL	53°, 68%, 59%
HSV	53°, 64%, 87%
XYZ	53.6807, 60.2663, 16.5879
YIQ	196.5340, 49.6610, -35.4830

Conversions

Conversions Part 2

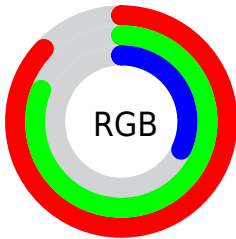
Format	Color
RYB	99, 222, 81
Decimal	14601809
CIELab	81.98, -9.04, 62.12
CIElCh	82, 62.773, 98.281
Yxy	60.2663, 0.4112, 0.4617
Android (android.graphics.Color)	4292791889 (0xFFDECE51)
YUV	196.5340, -56.9583, 22.3337
Hunter-Lab	77.6314, -12.4253, 41.6732

Details

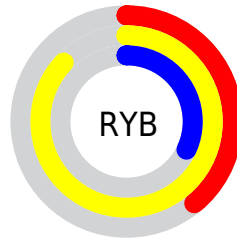
The YUV color **196.5340, -56.9583, 22.3337** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **106.4660, 56.9583, -22.3337**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3200, -52.4158, 11.9974**, and **140.6540, -58.9894, 20.4744** is the 20% darker color. If you saturate the color by 10%, you get **192.2650, -65.6996, 26.0776**, and if you desaturate by 10%, it is **200.8030, -48.2169, 18.5898**.

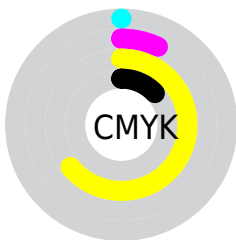
Distribution



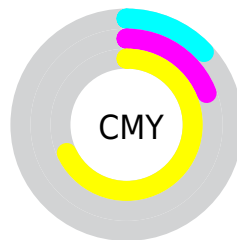
- Red (87%)
- Green (81%)
- Blue (32%)



- Red (39%)
- Yellow (87%)
- Blue (32%)



- Cyan (0%)
- Magenta (7%)
- Yellow (64%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5340, -56.9583, 22.3337 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 196.5340, -56.9583, 22.3337 by changing the saturation by 10% instead.

■ 196.5340,
-56.9583, 22.3337

■ 196.5340,
-56.9583, 22.3337

■ 255.0000, 0.0000,
0.0000

■ 168.8220,
-57.1002, 21.2041

■ 241.3200,
-52.4158, 11.9974

■ 140.6540,
-58.9894, 20.4744

■ 244.5120,
-40.1854, 9.1980

■ 114.3270,
-56.3632, 18.1302

■ 247.7040,
-27.9551, 6.3986

■ 92.1660, -45.4378,
13.8864

■ 251.0100,
-15.2879, 3.4992

■ 70.0050, -34.5125,
9.6426

■ 254.3160, -2.6208,
0.5999

■ 48.4310, -23.8765,
4.8840

■ 28.9280, -14.2615,

0.9401

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 196.5340,
-56.9583, 22.3337

■ 196.5340,
-56.9583, 22.3337

■ 192.2650,
-65.6996, 26.0776

■ 200.8030,
-48.2169, 18.5898

■ 188.5830,
-74.7304, 29.3067

■ 204.4850,
-39.1861, 15.3607

■ 184.2000,
-83.9086, 33.1506

■ 208.8680,
-30.0079, 11.5168

■ 182.0170,
-89.7344, 35.0651

■ 212.5500,
-20.9771, 8.2877

■ 216.8190,
-12.2358, 4.5437

■ 220.5010, -3.2050,
1.3146

■ 224.7700, 5.5364,
-2.4293

■ 228.1100, 13.2568,
-5.3585

■ 229.8710, 12.3886,
-6.9029

Harmonies

Analogous

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



195.4420, -50.5039, 52.2324



196.5340, -56.9583, 22.3337



189.4660, -40.6557, -26.7187

Triad

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



196.5340, -56.9583, 22.3337



164.6670, 44.5342, -144.4130



198.5510, 24.8714, 49.5058

Complementary

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



196.5340, -56.9583, 22.3337



106.4660, 56.9583, -22.3337

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.



204.3750, 24.9581, 21.5961



196.5340, -56.9583, 22.3337



159.3840, 47.1387, -139.7798

Square

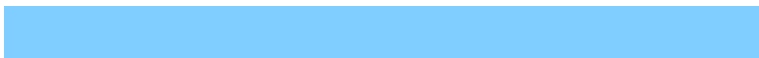
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



196.5340, -56.9583, 22.3337



161.7370, 28.2307, -141.8433



187.6770, 33.1902, -52.3367



187.1290, 1.4154, 59.5229

Rectangle

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



196.5340, -56.9583, 22.3337



181.0770, -20.7440, -66.7195



187.6770, 33.1902, -52.3367



202.7570, 25.7558, 45.8171

Sweetspot

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



196.5340, -56.9583, 22.3337



246.5930, -19.5193, 7.3729



124.9830, -13.7956, 85.0839



122.2320, -11.9464, 5.0585



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.



196.5340, -56.9583, 22.3337



219.9700, -78.3722, 30.7213



189.7800, -53.6285, -19.1011



110.1590, -4.5154, 1.6146



144.1960, -71.0886, 27.8921



39.5930, -19.5193, 7.3729

Inverse Universe

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



106.4660, 56.9583, -22.3337



96.0300, 78.3722, -30.7213



113.2200, 53.6285, 19.1011



102.8410, 4.5154, -1.6146



31.8040, 71.0886, -27.8921



8.4070, 19.5193, -7.3729

Previews

White Background



This preview shows how the YUV color 196.5340, -56.9583, 22.3337 looks on a white background.

Color Contrast Check

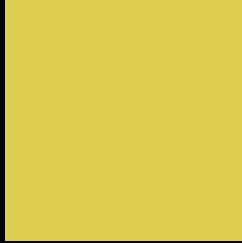
Large Text (above 18pt) WCAG AA × Fail

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 196.5340, -56.9583, 22.3337 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 196.5340, -56.9583, 22.3337

Background



This preview shows how black text looks on a background with the YUV color 196.5340, -56.9583, 22.3337.



This preview shows how white text looks on a background with the YUV color 196.5340, -56.9583, 22.3337.

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

196.5340, -56.9583, 22.3337

Protanopia

196.7410, -57.5533, 26.5371

Deuteranopia

199.2150, -56.3080, 47.1694



Tritanopia

206.6700, 0.6557, 23.0914

Trichromacy



Original Color

196.5340, -56.9583, 22.3337

Protanomaly

196.7300, -57.5479, 24.7928

Deuteranomaly

198.1600, -56.2809, 38.4477

Tritanomaly

203.1650, -20.2943, 22.6573

Monochromacy



Original Color

196.5340, -56.9583, 22.3337

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.6640, -20.5404, 8.1877

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5340, -56.9583, 22.3337 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(222, 206, 81)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 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(222, 206, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 81) }
```

Border

The CSS property to change the border of an element to YUV 196.5340, -56.9583, 22.3337 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(222, 206, 81) }
```


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

```
.border{ border-color:rgb(222, 206, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 81);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 196.5340, -56.9583, 22.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 81) }
```

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

```
.background{ background-color: rgb(222,  
206, 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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