

Converting Colors

YUV(200.3450, -56.8651,
39.1624)

Have a look what the booklet for
YUV(200.3450, -56.8651, 39.1624)
contains.

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Color

**YUV(200.3450, -56.8651,
39.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C855
RGB	245, 200, 85
RGB Percent	96%, 78%, 33%
CMY	0.0392, 0.2157, 0.6667
CMYK	0.00, 0.18, 0.65, 0.04
HSL	43°, 89%, 65%
HSV	43°, 65%, 96%
XYZ	59.9502, 61.3769, 17.2815
YIQ	200.3450, 63.7350, -26.2250

Conversions

Conversions Part 2

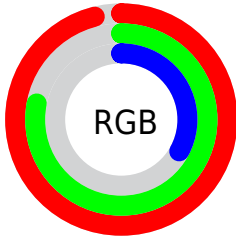
Format	Color
RYB	148, 245, 85
Decimal	16107605
CIELab	82.58, 3.88, 61.68
CIELCh	83, 61.804, 86.399
Yxy	61.3769, 0.4325, 0.4428
Android (android.graphics.Color)	4294297685 (0xFFFF5C855)
YUV	200.3450, -56.8651, 39.1624
Hunter-Lab	78.3434, -0.5087, 41.7618

Details

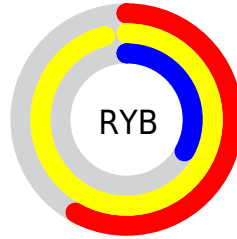
The YUV color **200.3450, -56.8651, 39.1624** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **129.6550, 56.8651, -39.1624**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.7760, -50.6686, 11.5974**, and **144.2090, -57.2910, 35.7737** is the 20% darker color. If you saturate the color by 10%, you get **193.3860, -65.7593, 45.2655**, and if you desaturate by 10%, it is **207.3040, -47.9709, 33.0594**.

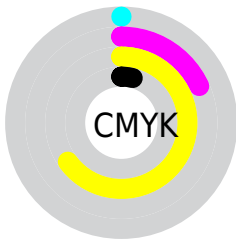
Distribution



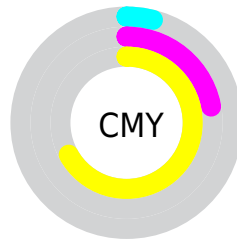
- Red (96%)
- Green (78%)
- Blue (33%)



- Red (58%)
- Yellow (96%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (65%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3450, -56.8651, 39.1624 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 200.3450, -56.8651, 39.1624 by changing the saturation by 10% instead.

200.3450,
-56.8651, 39.1624

200.3450,
-56.8651, 39.1624

255.0000, 0.0000,
0.0000

172.4480,
-56.4229, 37.3181

241.7760,
-50.6686, 11.5974

144.2090,
-57.2910, 35.7737

244.9680,
-38.4382, 8.7981

117.6710,
-58.0118, 33.6145

248.1600,
-26.2079, 5.9987

94.3250, -46.5022,
28.6560

251.4660,
-13.5407, 3.0993

72.7510, -35.8662,
23.8974

254.7720, -0.8736,
0.2000

51.4650, -25.3722,
18.0092

31.3640, -15.4625,

12.8358

■ 9.8010, -4.8319,
9.8215

■ 0.0000, 0.0000,
0.0000

■ 200.3450,
-56.8651, 39.1624

■ 200.3450,
-56.8651, 39.1624

■ 193.3860,
-65.7593, 45.2655

■ 207.3040,
-47.9709, 33.0594

■ 186.5410,
-74.2167, 51.2685

■ 214.1490,
-39.5135, 27.0563

■ 179.6960,
-82.6741, 57.2716

■ 221.1080,
-30.6192, 20.9533

■ 176.5670,
-87.0475, 60.0157

■ 227.9530,
-22.1618, 14.9502

■ 234.3250,
-12.9782, 9.3620

■ 241.1700, -4.5208,
3.3589

■ 247.9010, 3.4998,
-2.5442

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



193.2710, -41.0526, 54.1363



200.3450, -56.8651, 39.1624



194.5350, -48.5778, -5.7312

Triad

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



200.3450, -56.8651, 39.1624



166.4280, 43.6660, -145.9574



205.1050, 24.5982, 43.7579

Complementary

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



200.3450, -56.8651, 39.1624



129.6550, 56.8651, -39.1624

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.



201.5630, 26.3444, -3.1248



200.3450, -56.8651, 39.1624



162.9060, 45.4023, -142.8686

Square

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



200.3450, -56.8651, 39.1624



159.7020, 17.8949, -140.0587



174.1230, 39.8724, -95.7009



192.3270, 11.1778, 54.9642

Rectangle

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



200.3450, -56.8651, 39.1624



189.0280, -33.0448, -41.2436



174.1230, 39.8724, -95.7009



207.7190, 23.3095, 37.0804

Sweetspot

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



200.3450, -56.8651, 39.1624



240.9680, -18.2252, 12.3061



137.9700, -3.9292, 93.8653



119.1830, -10.9362, 7.7325



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.



200.3450, -56.8651, 39.1624



199.4420, -70.7169, 48.7244



216.2950, -64.7284, -5.5207



118.8710, -4.3734, 2.7441



134.2720, -66.1961, 45.3655



42.2950, -20.8514, 14.6503

Inverse Universe

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



129.6550, 56.8651, -39.1624



111.5580, 70.7169, -48.7244



113.7050, 64.7284, 5.5207



113.7160, 4.0840, -3.2589



51.7280, 66.1961, -45.3655



16.1180, 21.1408, -14.1355

Previews

White Background



This preview shows how the YUV color 200.3450, -56.8651, 39.1624 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 200.3450, -56.8651, 39.1624 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 200.3450, -56.8651, 39.1624 Background



This preview shows how black text looks on a background with the YUV color 200.3450, -56.8651, 39.1624.



This preview shows how white text looks on a background with the YUV color 200.3450, -56.8651, 39.1624.

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

200.3450, -56.8651, 39.1624

Protanopia

199.3110, -55.3693, 26.0373

Deuteranopia

201.3290, -55.8712, 47.0695



Tritanopia

209.3300, -3.6137, 39.1756

Trichromacy



Original Color

200.3450, -56.8651, 39.1624

Protanomaly

199.8170, -56.1118, 30.8555

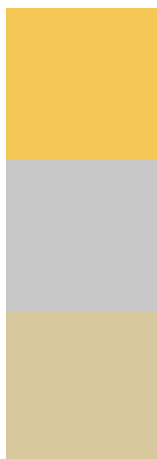
Deuteranomaly

200.6060, -56.0078, 44.1955

Tritanomaly

205.8790, -23.1113, 39.5711

Monochromacy



Original Color

200.3450, -56.8651, 39.1624

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9960, -20.7040, 14.0355

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3450, -56.8651, 39.1624 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(245, 200, 85)` looks like.

```
.text, #text, p{  
    color:rgb(245, 200, 85)  
}
```

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(245, 200, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 200, 85) }
```

Border

The CSS property to change the border of an element to YUV 200.3450, -56.8651, 39.1624 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(245, 200, 85) }
```


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

```
.border{ border-color:rgb(245, 200, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 200, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 200, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 200, 85);  
box-shadow:4px 4px 4px 4px rgb(245, 200,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 200.3450, -56.8651, 39.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 200, 85) }
```

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

```
.background{ background-color: rgb(245,  
200, 85) }
```

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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