

Converting Colors

YUV(135.3360, -39.6056,
56.7103)

Have a look what the booklet for
YUV(135.3360, -39.6056, 56.7103)
contains.

YUV(135.3360, -39.6056, 56.7103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.3360, -39.6056,
56.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	C87637
RGB	200, 118, 55
RGB Percent	78%, 46%, 22%
CMY	0.2157, 0.5373, 0.7843
CMYK	0.00, 0.41, 0.72, 0.22
HSL	26°, 57%, 50%
HSV	26°, 72%, 78%
XYZ	30.9874, 25.5121, 6.9055
YIQ	135.3360, 69.0950, -2.2090

Conversions

Conversions Part 2

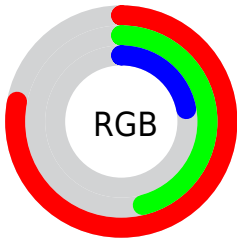
Format	Color
R _Y B	200, 166, 55
Decimal	13137463
CIE Lab	57.57, 27.01, 47.09
CIE LCh	58, 54.285, 60.160
Yxy	25.5121, 0.4887, 0.4024
Android (android.graphics.Color)	4291327543 (0xFFC87637)
YUV	135.3360, -39.6056, 56.7103
Hunter-Lab	50.5095, 21.1178, 27.2506

Details

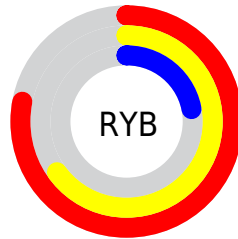
The YUV color **135.3360, -39.6056, 56.7103** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **119.6640, 39.6056, -56.7103**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5920, -41.2109, 58.2398**, and **82.8900, -39.8788, 50.9625** is the 20% darker color. If you saturate the color by 10%, you get **126.5990, -45.1583, 64.3727**, and if you desaturate by 10%, it is **144.0730, -34.0530, 49.0480**.

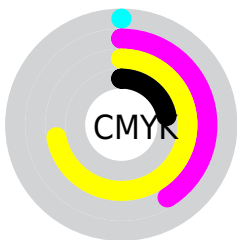
Distribution



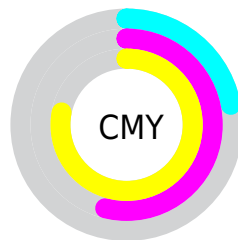
- Red (78%)
- Green (46%)
- Blue (22%)



- Red (78%)
- Yellow (65%)
- Blue (22%)



- Cyan (0%)
- Magenta (41%)
- Yellow (72%)
- Black (22%)





- Cyan (22%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.3360, -39.6056, 56.7103 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 135.3360, -39.6056, 56.7103 by changing the saturation by 10% instead.


 135.3360,
-39.6056, 56.7103


 135.3360,
-39.6056, 56.7103


255.0000, 0.0000,
0.0000


 108.8410,
-38.8686, 53.6364


 188.5920,
-41.2109, 58.2398

 82.8900, -39.8788,
50.9625


 207.4050,
-37.6677, 41.7408


 59.9030, -29.5322,
45.6891


 226.9190,
-33.9771, 24.6270

 37.7310, -18.6014,
39.7009

 247.0200,
-30.5759, 6.9985

 16.7440, -8.2548,
34.4275

 250.2120,
-18.3455, 4.1991

 9.0840, -3.9854,
18.3433

 253.5180, -5.6784,

 0.0000, 0.0000,

1.2997

0.0000

■ 135.3360,
-39.6056, 56.7103

■ 135.3360,
-39.6056, 56.7103

■ 126.5990,
-45.1583, 64.3727

■ 144.0730,
-34.0530, 49.0480

■ 117.2750,
-50.4216, 72.5498

■ 153.3970,
-28.7897, 40.8708

■ 110.8690,
-54.6584, 78.1679

■ 162.1340,
-23.2371, 33.2085

■ 170.8710,
-17.6844, 25.5461

■ 180.1950,
-12.4211, 17.3690

■ 188.9320, -6.8685,
9.7066

■ 197.6690, -1.3158,
2.0443

■ 206.4060, 4.2368,
-5.6181

■ 215.7300, 9.5001,
-13.7952

Harmonies

Analogous

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



135.6800, -21.0412, 75.7026



135.3360, -39.6056, 56.7103



132.5590, -48.0966, 26.6968

Triad

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



135.3360, -39.6056, 56.7103



110.1250, 13.2494, -96.5796



140.7170, 39.5795, -1.5058

Complementary

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



135.3360, -39.6056, 56.7103



119.6640, 39.6056, -56.7103

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.



111.0900, 60.1016, -97.4259



135.3360, -39.6056, 56.7103



115.0100, 34.5051, -100.8638

Square

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



135.3360, -39.6056, 56.7103



115.4610, -13.0453, -62.6713



116.0650, 51.2400, -101.7890



142.0300, 21.6772, 47.3317

Rectangle

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



135.3360, -39.6056, 56.7103



129.5560, -43.6581, 3.0204



116.0650, 51.2400, -101.7890



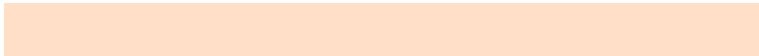
136.6650, 45.0282, -22.5082

Sweetspot

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



135.3360, -39.6056, 56.7103



229.8320, -15.2002, 22.0723



107.7030, 14.4434, 80.9445



112.9710, -9.3527, 13.1804



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.



135.3360, -39.6056, 56.7103



156.3170, -60.7953, 86.5450



177.6000, -60.4418, 19.6448



95.0390, -2.4842, 3.4738



90.4140, -44.5741, 63.6579



20.1560, -9.9369, 13.8952

Inverse Universe

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



119.6640, 39.6056, -56.7103



132.2700, 60.5059, -87.0598



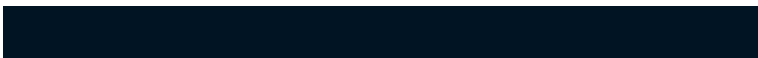
77.4000, 60.4418, -19.6448



93.9610, 2.4842, -3.4738



72.5860, 44.5741, -63.6579



15.8440, 9.9369, -13.8952

Previews

White Background



This preview shows how the YUV color 135.3360, -39.6056, 56.7103 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3360, -39.6056, 56.7103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

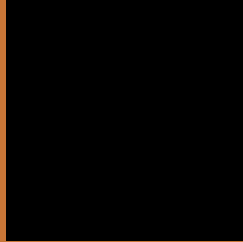
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.3360, -39.6056, 56.7103

Background



This preview shows how black text looks on a background with the YUV color 135.3360, -39.6056, 56.7103.



This preview shows how white text looks on a background with the YUV color 135.3360, -39.6056,

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

135.3360, -39.6056, 56.7103

Protanopia

134.5930, -36.2813, 17.0199

Deuteranopia

135.0250, -41.4243, 33.3041



Tritanopia

139.7190, -10.2145, 56.3744

Trichromacy



Original Color

135.3360, -39.6056, 56.7103

Protanomaly

134.7520, -37.3457, 31.7895

Deuteranomaly

135.1940, -41.0146, 41.9259

Tritanomaly

138.5590, -20.9816, 56.5148

Monochromacy



Original Color

135.3360, -39.6056, 56.7103

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.3480, -14.4686, 20.7428

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.3360, -39.6056, 56.7103 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(200, 118, 55)` looks like.

```
.text, #text, p{  
    color:rgb(200, 118, 55)  
}
```

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(200, 118, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 118, 55) }
```

Border

The CSS property to change the border of an element to YUV 135.3360, -39.6056, 56.7103 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(200, 118, 55) }
```


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

```
.border{ border-color:rgb(200, 118, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 118, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 118, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 118, 55);  
box-shadow:4px 4px 4px 4px rgb(200, 118,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 135.3360, -39.6056, 56.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 118, 55) }
```

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

```
.background{ background-color: rgb(200,  
118, 55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor