

Converting Colors

YUV(171.6480, -56.5215,
22.2337)

Have a look what the booklet for
YUV(171.6480, -56.5215, 22.2337)
contains.

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Color

**YUV(171.6480, -56.5215,
22.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B539
RGB	197, 181, 57
RGB Percent	77%, 71%, 22%
CMY	0.2275, 0.2902, 0.7765
CMYK	0.00, 0.08, 0.71, 0.23
HSL	53°, 55%, 50%
HSV	53°, 71%, 77%
XYZ	40.2884, 45.2135, 10.4745
YIQ	171.6480, 49.3400, -35.1720

Conversions

Conversions Part 2

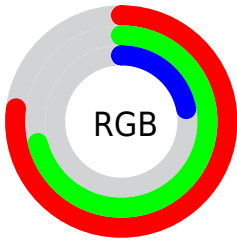
Format	Color
RYB	75, 197, 57
Decimal	12956985
CIELab	73.03, -8.17, 61.86
CIElCh	73, 62.400, 97.521
Yxy	45.2135, 0.4198, 0.4711
Android (android.graphics.Color)	4291147065 (0xFFC5B539)
YUV	171.6480, -56.5215, 22.2337
Hunter-Lab	67.2410, -10.7209, 37.8327

Details

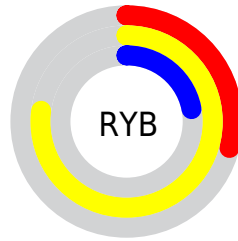
The YUV color **171.6480, -56.5215, 22.2337** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **82.3520, 56.5215, -22.2337**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1320, -57.2531, 23.5632**, and **117.5830, -57.9684, 19.6597** is the 20% darker color. If you saturate the color by 10%, you get **168.1940, -64.6786, 25.2629**, and if you desaturate by 10%, it is **175.1020, -48.3643, 19.2045**.

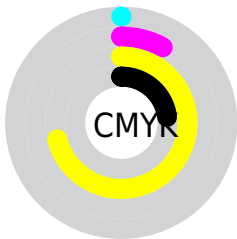
Distribution



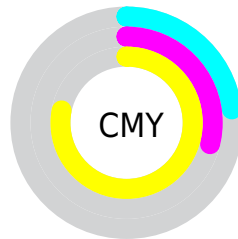
- Red (77%)
- Green (71%)
- Blue (22%)



- Red (29%)
- Yellow (77%)
- Blue (22%)



- Cyan (0%)
- Magenta (8%)
- Yellow (71%)
- Black (23%)



- Cyan (23%)
- Magenta (29%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6480, -56.5215, 22.2337 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 171.6480, -56.5215, 22.2337 by changing the saturation by 10% instead.

■ 171.6480,
-56.5215, 22.2337

■ 171.6480,
-56.5215, 22.2337

255.0000, 0.0000,
0.0000

■ 143.5940,
-57.9738, 21.4041

■ 228.1320,
-57.2531, 23.5632

■ 117.5830,
-57.9684, 19.6597

■ 241.7760,
-50.6686, 11.5974

■ 94.5360, -46.6062,
15.3159

■ 244.9680,
-38.4382, 8.7981

■ 72.3750, -35.6809,
11.0721

■ 248.1600,
-26.2079, 5.9987

■ 50.8010, -25.0449,
6.3135

■ 251.4660,
-13.5407, 3.0993

■ 30.9990, -15.2825,
1.7549

254.7720, -0.8736,

■ 9.3920, -4.6303,

0.2000

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 171.6480,
-56.5215, 22.2337

■ 171.6480,
-56.5215, 22.2337

■ 168.1940,
-64.6786, 25.2629

■ 175.1020,
-48.3643, 19.2045

■ 164.2670,
-72.1096, 28.7068

■ 179.0290,
-40.9333, 15.7606

■ 161.0410,
-79.3932, 31.5360

■ 182.4830,
-32.7761, 12.7314

■ 185.9370,
-24.6189, 9.7023

■ 189.3910,
-16.4618, 6.6731

■ 193.3180, -9.0308,
3.2291

■ 196.7720, -0.8736,
0.2000

■ 200.2260, 7.2836,
-2.8292

■ 203.5660, 15.0040,
-5.7584

Harmonies

Analogous

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



175.8560, -51.6940, 60.6393



171.6480, -56.5215, 22.2337



165.1780, -40.5138, -25.5891

Triad

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



171.6480, -56.5215, 22.2337



148.4930, 48.5640, -130.2284



181.6130, 20.8968, 64.3604

Complementary

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



171.6480, -56.5215, 22.2337



82.3520, 56.5215, -22.2337

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.



181.9150, 36.0309, 16.7375



171.6480, -56.5215, 22.2337



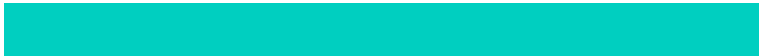
144.7090, 54.3735, -126.9098

Square

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



171.6480, -56.5215, 22.2337



143.3970, 23.9613, -125.7592



163.1240, 45.2949, -61.4987



169.8320, -1.3962, 74.6923

Rectangle

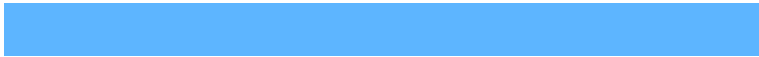
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



171.6480, -56.5215, 22.2337



155.9030, -20.1652, -65.6899



163.1240, 45.2949, -61.4987



184.7840, 28.2075, 52.8094

Sweetspot

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



171.6480, -56.5215, 22.2337



245.3220, -21.8507, 8.4876



100.6840, -13.6482, 84.4691



122.0040, -12.8200, 5.2585



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.



171.6480, -56.5215, 22.2337



215.5870, -87.5504, 34.5652



164.8940, -53.1917, -19.2010



97.3870, -3.6418, 1.4146



133.8520, -65.9890, 25.5628



29.5480, -14.5672, 5.6584

Inverse Universe

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



82.3520, 56.5215, -22.2337



77.4130, 87.5504, -34.5652



89.1060, 53.1917, 19.2010



91.6130, 3.6418, -1.4146



29.7350, 65.6996, -26.0776



6.4520, 14.5672, -5.6584

Previews

White Background



This preview shows how the YUV color 171.6480, -56.5215, 22.2337 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 171.6480, -56.5215, 22.2337 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 171.6480, -56.5215, 22.2337

Background



This preview shows how black text looks on a background with the YUV color 171.6480, -56.5215, 22.2337.



This preview shows how white text looks on a background with the YUV color 171.6480, -56.5215, 22.2337.

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

171.6480, -56.5215, 22.2337

Protanopia

172.2570, -56.8217, 25.2076

Deuteranopia

173.7200, -55.5710, 44.0956



Tritanopia

181.8440, 0.0769, 22.0618

Trichromacy



Original Color

171.6480, -56.5215, 22.2337

Protanomaly

171.9580, -56.6743, 24.5928

Deuteranomaly

172.9640, -55.6913, 35.9886

Tritanomaly

177.8660, -20.1469, 22.0425

Monochromacy



Original Color

171.6480, -56.5215, 22.2337

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.6640, -20.5404, 8.1877

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6480, -56.5215, 22.2337 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(197, 181, 57)` looks like.

```
.text, #text, p{  
    color:rgb(197, 181, 57)  
}
```

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(197, 181, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 181, 57) }
```

Border

The CSS property to change the border of an element to YUV 171.6480, -56.5215, 22.2337 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(197, 181, 57) }
```


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

```
.border{ border-color:rgb(197, 181, 57) }
```

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

Here you see how a box with a 4 pixel rgb(197, 181, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 181, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 181, 57);  
box-shadow:4px 4px 4px 4px rgb(197, 181,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 171.6480, -56.5215, 22.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 181, 57) }
```

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

```
.background{ background-color: rgb(197,  
181, 57) }
```

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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