

Converting Colors

YUV(56.5300, -3.2193, 99.5132)

Have a look what the booklet for
YUV(56.5300, -3.2193, 99.5132)
contains.

YUV(56.5300, -3.2193, 99.5132)	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(56.5300, -3.2193,
99.5132)**

Conversions

Conversions Part 1

Format	Color
Hex	AA0032
RGB	170, 0, 50
RGB Percent	67%, 0%, 20%
CMY	0.3333, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.71, 0.33
HSL	342°, 100%, 33%
HSV	342°, 100%, 67%
XYZ	17.1533, 8.7763, 3.8075
YIQ	56.5300, 85.2700, 51.5900

Conversions

Conversions Part 2

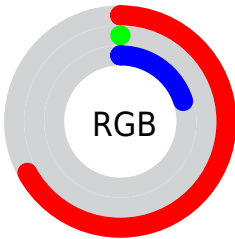
Format	Color
R_{YB}	170, 0, 50
Decimal	11141170
CIE Lab	35.55, 60.36, 23.48
CIE LCh	36, 64.764, 21.254
Yxy	8.7763, 0.5768, 0.2951
Android (android.graphics.Color)	4289331250 (0xFFAA0032)
YUV	56.5300, -3.2193, 99.5132
Hunter-Lab	29.6249, 51.5108, 13.1172

Details

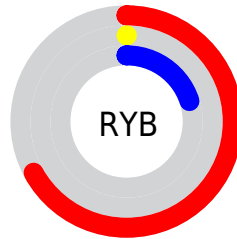
The YUV color **56.5300, -3.2193, 99.5132** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **113.4700, 3.2193, -99.5132**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0980, -14.8383, 92.8761**, and **33.4600, -14.0308, 67.1256** is the 20% darker color. If you saturate the color by 10%, you get **56.5300, -3.2193, 99.5132**, and if you desaturate by 10%, it is **67.8770, -2.8974, 89.5619**.

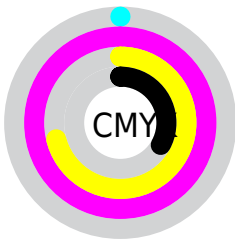
Distribution



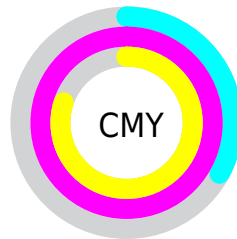
- Red (67%)
- Green (0%)
- Blue (20%)



- Red (67%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5300, -3.2193, 99.5132 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 56.5300, -3.2193, 99.5132 by changing the saturation by 10% instead.

■ 56.5300, -3.2193,
99.5132

■ 56.5300, -3.2193,
99.5132

255.0000, 0.0000,
0.0000

■ 44.8670, -7.8224,
82.5546

■ 126.0980,
-14.8383, 92.8761

■ 33.4600, -14.0308,
67.1256

■ 152.8480,
-15.7011, 89.5873

■ 24.0340, -11.3558,
49.0822

■ 172.1340,
-12.8841, 72.6735

■ 15.4770, -6.6442,
31.1537

■ 191.6480, -9.1935,
55.5597

■ 0.0000, 0.0000,
0.0000

■ 211.7490, -5.7923,
37.9311

■ 231.9640, -1.9543,

20.2026

252.6520, 1.1576,
2.0592

56.5300, -3.2193,
99.5132

67.8770, -2.8974,
89.5619

79.2240, -2.5754,
79.6106

90.5710, -2.2535,
69.6592

101.9180, -1.9316,
59.7079

113.2650, -1.6096,
49.7566

■ 124.6120, -1.2877,
39.8053

■ 135.9590, -0.9658,
29.8540

■ 147.3060, -0.6439,
19.9026

■ 158.6530, -0.3219,
9.9513

Harmonies

Analogous

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



60.8490, 19.7944, 91.3404



56.5300, -3.2193, 99.5132



74.4990, -36.7280, 67.0914

Triad

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



56.5300, -3.2193, 99.5132



58.9280, -28.0655, -51.6799



77.1970, 54.6259, -67.7018

Complementary

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



56.5300, -3.2193, 99.5132



113.4700, 3.2193, -99.5132

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.



79.2710, 42.2644, -69.5207



56.5300, -3.2193, 99.5132



68.5720, -1.2680, -60.1376

Square

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



56.5300, -3.2193, 99.5132



74.3360, -36.6476, -5.5567



75.3150, 22.0297, -66.0513



70.4320, 55.0030, -48.6139

Rectangle

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



56.5300, -3.2193, 99.5132



79.0740, -38.9835, 43.7851



75.3150, 22.0297, -66.0513



78.9750, 51.2843, -69.2611

Sweetspot

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



56.5300, -3.2193, 99.5132



177.3130, -1.1403, 39.1905



54.9610, 56.7142, 56.1622



85.3280, -0.6547, 23.3913



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.5300, -3.2193, 99.5132



73.7880, -4.3325, 129.9819



70.7880, -34.8985, 87.0089



78.6200, -0.3057, 4.7183



49.1540, -3.0339, 86.6879



6.6640, -0.3274, 11.6957

Inverse Universe

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



56.5300, -3.2193, 99.5132



73.7880, -4.3325, 129.9819



99.2120, 34.8985, -87.0089



78.6200, -0.3057, 4.7183



49.2680, -2.5971, 86.5880



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 56.5300, -3.2193, 99.5132 looks on a white background.

Color Contrast Check

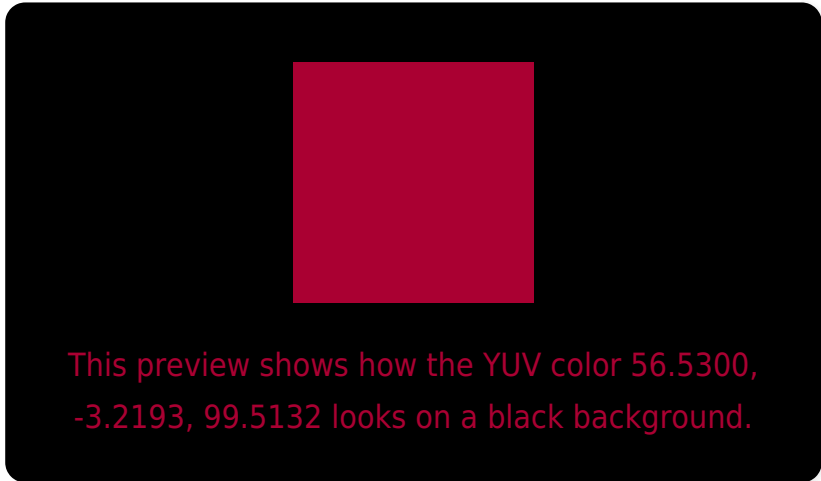
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

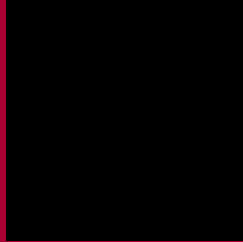
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5300, -3.2193, 99.5132

Background



This preview shows how black text looks on a background with the YUV color 56.5300, -3.2193, 99.5132.



This preview shows how white text looks on a background with the YUV color 56.5300, -3.2193,

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

56.5300, -3.2193, 99.5132

Protanopia

86.1270, -5.9786, 4.2736

Deuteranopia

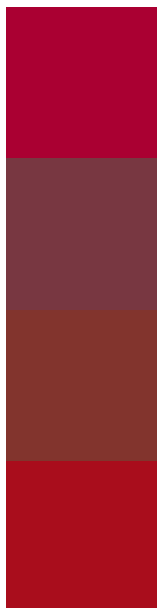
84.9150, -21.1571, 19.3685



Tritanopia

64.0950, -23.7108, 92.0017

Trichromacy



Original Color

56.5300, -3.2193, 99.5132

Protanomaly

75.5750, -5.2135, 38.9607

Deuteranomaly

74.5240, -14.5553, 48.6525

Tritanomaly

61.3540, -16.4435, 94.4055

Monochromacy



Original Color

56.5300, -3.2193, 99.5132

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.5900, -1.2769, 36.3166

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5300, -3.2193, 99.5132 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(170, 0, 50)` looks like.

```
.text, #text, p{  
    color:rgb(170, 0, 50)  
}
```

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(170, 0, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 0, 50) }
```

Border

The CSS property to change the border of an element to YUV 56.5300, -3.2193, 99.5132 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(170, 0, 50) }
```


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

```
.border{ border-color:rgb(170, 0, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 0, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 0, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 0, 50);  
box-shadow:4px 4px 4px 4px rgb(170, 0, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.5300, -3.2193, 99.5132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 0, 50) }
```

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

```
.background{ background-color: rgb(170, 0,  
50) }
```

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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