

Converting Colors

YUV(88.2710, 36.3484, 55.0133)

Have a look what the booklet for
YUV(88.2710, 36.3484, 55.0133)
contains.

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Color

**YUV(88.2710, 36.3484,
55.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	972AA2
RGB	151, 42, 162
RGB Percent	59%, 16%, 64%
CMY	0.4078, 0.8353, 0.3647
CMYK	0.07, 0.74, 0.00, 0.36
HSL	294°, 59%, 40%
HSV	294°, 74%, 64%
XYZ	20.1121, 10.8439, 35.2155
YIQ	88.2710, 26.4440, 60.4280

Conversions

Conversions Part 2

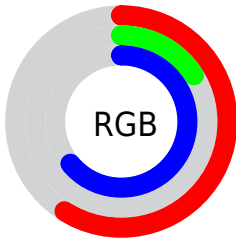
Format	Color
R_{YB}	151, 42, 162
Decimal	9906850
CIE _{Lab}	39.32, 59.52, -41.91
CIE _{LCh}	39, 72.793, 324.847
Yxy	10.8439, 0.3039, 0.1639
Android (android.graphics.Color)	4288096930 (0xFF972AA2)
YUV	88.2710, 36.3484, 55.0133
Hunter-Lab	32.9300, 51.3915, -40.3539

Details

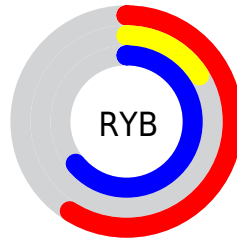
The YUV color **88.2710, 36.3484, 55.0133** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **115.7290, -36.3484, -55.0133**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0430, 35.4748, 55.2133**, and **41.2440, 33.8967, 48.0210** is the 20% darker color. If you saturate the color by 10%, you get **78.5800, 41.1261, 62.6353**, and if you desaturate by 10%, it is **97.9620, 31.5707, 47.3913**.

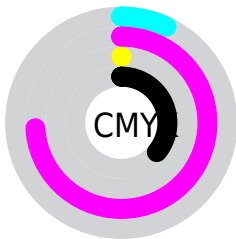
Distribution



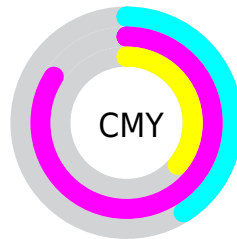
- Red (59%)
- Green (16%)
- Blue (64%)



- Red (59%)
- Yellow (16%)
- Blue (64%)



- Cyan (7%)
- Magenta (74%)
- Yellow (0%)
- Black (36%)



- Cyan (41%)
- Magenta (84%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2710, 36.3484, 55.0133 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 88.2710, 36.3484, 55.0133 by changing the saturation by 10% instead.

88.2710, 36.3484,
55.0133

88.2710, 36.3484,
55.0133

255.0000, 0.0000,
0.0000

52.1670, 40.8367,
62.1205

145.0430, 35.4748,
55.2133

41.2440, 33.8967,
48.0210

173.1680, 35.9062,
56.8577

30.3210, 26.9567,
33.9215

195.7130, 29.2285,
51.9947

20.7080, 19.8640,
22.1811

212.1490, 21.1255,
37.5803

5.8270, 15.8613,
-0.7253

229.1720, 12.7332,
22.6512

2.2970, 6.2626,
-2.0145

246.1950, 4.3409,

0.0000, 0.0000,

7.7220

0.0000

■ 88.2710, 36.3484,
55.0133

■ 88.2710, 36.3484,
55.0133

■ 78.5800, 41.1261,
62.6353

■ 97.9620, 31.5707,
47.3913

■ 68.5900, 46.0511,
69.6426

■ 107.9520, 26.6457,
40.3841

■ 62.4210, 49.0924,
74.1758

■ 118.2300, 21.5786,
32.2473

■ 128.2200, 16.6535,
25.2401

■ 137.9110, 11.8759,
17.6181

■ 147.9010, 6.9508,
10.6108

■ 157.5920, 2.1731,
2.9888

■ 168.1690, -3.0413,
-4.5332

■ 177.8600, -7.8190,
-12.1552

Harmonies

Analogous

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



84.9160, 57.7224, -34.1293



88.2710, 36.3484, 55.0133



68.2960, 18.5881, 104.9804

Triad

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



88.2710, 36.3484, 55.0133



87.5470, -43.1607, 30.2153



84.7530, 27.7298, -74.3284

Complementary

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



88.2710, 36.3484, 55.0133



115.7290, -36.3484, -55.0133

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.



77.2120, 1.3745, -67.7149



88.2710, 36.3484, 55.0133



80.7820, -39.8255, -12.9638

Square

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



88.2710, 36.3484, 55.0133



82.4950, -40.6700, 71.4799



66.6560, -28.9174, -58.4573



88.5780, 50.0010, -77.6829

Rectangle

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



88.2710, 36.3484, 55.0133



65.0460, 0.9633, 111.3387



66.6560, -28.9174, -58.4573



82.5870, 19.4306, -72.4288

Sweetspot

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



88.2710, 36.3484, 55.0133



182.9160, 14.3384, 21.1217



62.7240, 48.9431, -18.1749



89.9660, 8.3978, 13.1848



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



88.2710, 36.3484, 55.0133



95.6750, 57.3482, 86.2310



86.0880, 13.7606, 66.5748



76.4180, 2.7519, 4.0184



55.9980, 43.8780, 66.6538



6.8360, 5.5039, 8.0368

Inverse Universe

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



79.1340, -12.8841, 72.6735



81.5630, -19.9976, 114.3932



117.9120, -13.7606, -66.5748



75.8050, -0.8899, 5.4330



44.8370, -15.6956, 87.8430



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 88.2710, 36.3484, 55.0133 looks on a white background.

Color Contrast Check

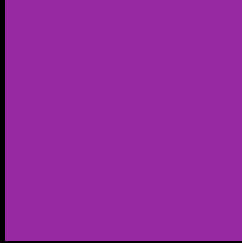
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 88.2710, 36.3484, 55.0133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

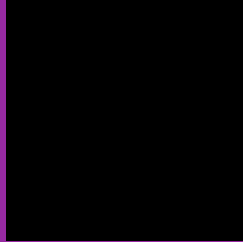
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2710, 36.3484, 55.0133

Background



This preview shows how black text looks on a background with the YUV color 88.2710, 36.3484, 55.0133.



This preview shows how white text looks on a background with the YUV color 88.2710, 36.3484,

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

88.2710, 36.3484, 55.0133

Protanopia

74.6040, 57.3832, -65.4277

Deuteranopia

89.1790, 31.9568, -29.9750



Tritanopia

93.9020, -7.8397, 41.3049

Trichromacy



Original Color

88.2710, 36.3484, 55.0133



Protanomaly

79.8160, 49.3907, -21.7636



Deuteranomaly

88.8330, 33.6063, 1.0235



Tritanomaly

92.1750, 8.2947, 46.3275

Monochromacy



Original Color

88.2710, 36.3484, 55.0133



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

87.9760, 13.3228, 20.1920

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2710, 36.3484, 55.0133 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(151, 42, 162)` looks like.

```
.text, #text, p{  
    color:rgb(151, 42, 162)  
}
```

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(151, 42, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 42, 162) }
```

Border

The CSS property to change the border of an element to YUV 88.2710, 36.3484, 55.0133 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(151, 42, 162) }
```


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

```
.border{ border-color:rgb(151, 42, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 42, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 42, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 42, 162);  
box-shadow:4px 4px 4px 4px rgb(151, 42,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 88.2710, 36.3484, 55.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 42, 162) }
```

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

```
.background{ background-color: rgb(151, 42,  
162) }
```

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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