

Converting Colors

YUV(87.6600, 6.0836, 55.5492)

Have a look what the booklet for
YUV(87.6600, 6.0836, 55.5492)
contains.

YUV(87.6600, 6.0836, 55.5492)	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(87.6600, 6.0836,
55.5492)**

Conversions

Conversions Part 1

Format	Color
Hex	973564
RGB	151, 53, 100
RGB Percent	59%, 21%, 39%
CMY	0.4078, 0.7922, 0.6078
CMYK	0.00, 0.65, 0.34, 0.41
HSL	331°, 48%, 40%
HSV	331°, 65%, 59%
XYZ	16.3359, 10.0456, 13.1346
YIQ	87.6600, 43.3210, 35.3930

Conversions

Conversions Part 2

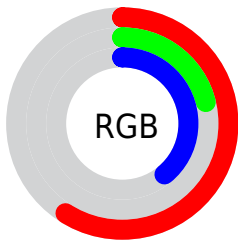
Format	Color
R_{YB}	151, 53, 100
Decimal	9909604
CIE Lab	37.92, 45.56, -5.85
CIE LCh	38, 45.938, 352.686
Yxy	10.0456, 0.4134, 0.2542
Android (android.graphics.Color)	4288099684 (0xFF973564)
YUV	87.6600, 6.0836, 55.5492
Hunter-Lab	31.6948, 36.5349, -2.3839

Details

The YUV color **87.6600, 6.0836, 55.5492** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **116.3400, -6.0836, -55.5492**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6280, 4.6204, 58.2082**, and **34.7460, 8.9992, 53.7198** is the 20% darker color. If you saturate the color by 10%, you get **77.9430, 6.9301, 64.0710**, and if you desaturate by 10%, it is **97.3770, 5.2371, 47.0274**.

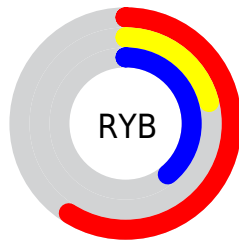
Distribution



Red (59%)

Green (21%)

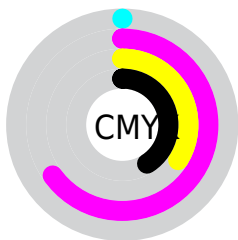
Blue (39%)



Red (59%)

Yellow (21%)

Blue (39%)

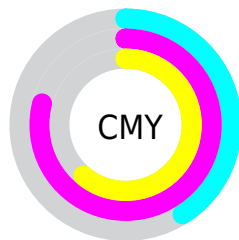


Cyan (0%)

Magenta (65%)

Yellow (34%)

Black (41%)



Cyan (41%)

Magenta (79%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6600, 6.0836, 55.5492 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 87.6600, 6.0836, 55.5492 by changing the saturation by 10% instead.

87.6600, 6.0836,
55.5492

87.6600, 6.0836,
55.5492

255.0000, 0.0000,
0.0000

60.1160, 7.8308,
55.1493

141.6280, 4.6204,
58.2082

34.7460, 8.9992,
53.7198

168.8240, 4.0308,
60.6674

24.5780, 3.6590,
39.8351

193.5350, 5.6522,
53.9048

14.8510, -3.8705,
28.1947

212.5760, 10.0690,
37.2058

0.0000, 0.0000,
0.0000

232.1070, 11.2862,
20.0772

249.1300, 2.8939,

5.1480

■ 87.6600, 6.0836,
55.5492

■ 87.6600, 6.0836,
55.5492

■ 77.9430, 6.9301,
64.0710

■ 97.3770, 5.2371,
47.0274

■ 68.2260, 7.7766,
72.5928

■ 107.0940, 4.3907,
38.5056

■ 58.5090, 8.6231,
81.1146

■ 116.8110, 3.5442,
29.9838

■ 53.3570, 9.1910,
85.6329

■ 126.4140, 2.2609,
21.5619

■ 136.7180, 1.1250,
12.5253

■ 146.4350, 0.2785,
4.0035

■ 156.1520, -0.5679,
-4.5183

■ 165.8690, -1.4144,
-13.0401

■ 175.5860, -2.2609,
-21.5619

Harmonies

Analogous

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



91.5070, 21.4420, 29.3734



87.6600, 6.0836, 55.5492



85.8120, -11.2463, 60.6779

Triad

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



87.6600, 6.0836, 55.5492



81.1840, -36.0797, -1.0384



77.9200, 34.5494, -68.3358

Complementary

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



87.6600, 6.0836, 55.5492



116.3400, -6.0836, -55.5492

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.



75.5600, 20.4299, -66.2661



87.6600, 6.0836, 55.5492



73.8060, -16.1734, -39.2949

Square

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



87.6600, 6.0836, 55.5492



83.9210, -40.3871, 27.2563



71.2280, 3.8316, -62.4670



74.9340, 43.4165, -65.7171

Rectangle

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



87.6600, 6.0836, 55.5492



86.3800, -22.8653, 54.0407



71.2280, 3.8316, -62.4670



77.4810, 30.3289, -67.9508

Sweetspot

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



87.6600, 6.0836, 55.5492



172.1150, 2.4083, 20.9471



79.4210, 35.2884, 21.5558



84.8320, 1.5618, 12.4253



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



87.6600, 6.0836, 55.5492



97.1830, 9.7698, 86.6625



83.4760, -15.0247, 59.2185



71.8480, 0.5679, 4.5183



49.4980, 8.6285, 79.3703



4.5710, 0.7045, 7.3922

Inverse Universe

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



87.6600, 6.0836, 55.5492



97.1830, 9.7698, 86.6625



120.5240, 15.0247, -59.2185



71.8480, 0.5679, 4.5183



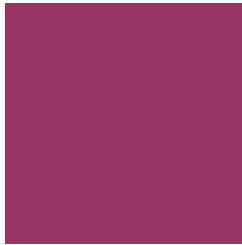
49.4980, 8.6285, 79.3703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 87.6600, 6.0836, 55.5492 looks on a white background.

Color Contrast Check

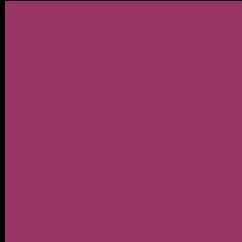
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.6600, 6.0836, 55.5492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

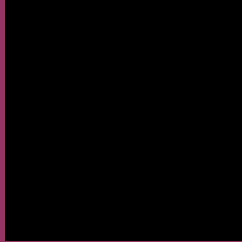
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.6600, 6.0836, 55.5492

Background



This preview shows how black text looks on a background with the YUV color 87.6600, 6.0836, 55.5492.



This preview shows how white text looks on a background with the YUV color 87.6600, 6.0836,

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

87.6600, 6.0836, 55.5492

Protanopia

90.2990, 16.6146, -9.0322

Deuteranopia

90.9020, 2.0203, 5.3479



Tritanopia

87.4690, -11.0772, 53.0857

Trichromacy



Original Color

87.6600, 6.0836, 55.5492

Protanomaly

89.4160, 12.6129, 14.5442

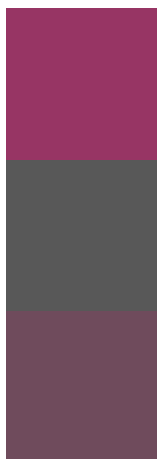
Deuteranomaly

90.0660, 3.4185, 23.6211

Tritanomaly

87.4890, -4.6781, 53.9451

Monochromacy



Original Color

87.6600, 6.0836, 55.5492

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7020, 2.1189, 20.4323

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6600, 6.0836, 55.5492 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, 53, 100)` looks like.

```
.text, #text, p{  
    color:rgb(151, 53, 100)  
}
```

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, 53, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 53, 100) }
```

Border

The CSS property to change the border of an element to YUV 87.6600, 6.0836, 55.5492 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, 53, 100) }
```


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

```
.border{ border-color:rgb(151, 53, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 53, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 53, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 53, 100);  
box-shadow:4px 4px 4px 4px rgb(151, 53,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 87.6600, 6.0836, 55.5492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 53, 100) }
```

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

```
.background{ background-color: rgb(151, 53,  
100) }
```

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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