

Converting Colors

YUV(93.6360, 9.0535, 36.2762)

Have a look what the booklet for
YUV(93.6360, 9.0535, 36.2762)
contains.

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Color

**YUV(93.6360, 9.0535,
36.2762)**

Conversions

Conversions Part 1

Format	Color
Hex	874570
RGB	135, 69, 112
RGB Percent	53%, 27%, 44%
CMY	0.4706, 0.7294, 0.5608
CMYK	0.00, 0.49, 0.17, 0.47
HSL	321°, 32%, 40%
HSV	321°, 49%, 53%
XYZ	15.0444, 10.5770, 16.5779
YIQ	93.6360, 25.5330, 27.3650

Conversions

Conversions Part 2

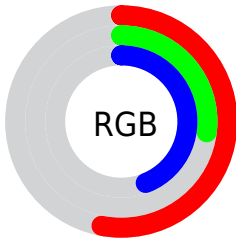
Format	Color
R_{YB}	135, 69, 112
Decimal	8865136
CIE _{Lab}	38.86, 34.01, -12.21
CIE _{LCh}	39, 36.134, 340.248
Yxy	10.5770, 0.3565, 0.2506
Android (android.graphics.Color)	4287055216 (0xFF874570)
YUV	93.6360, 9.0535, 36.2762
Hunter-Lab	32.5223, 25.6580, -7.4568

Details

The YUV color $[93.6360, 9.0535, 36.2762]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[110.3640, -9.0535, -36.2762]$, and the grayscale version is $[94.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[145.3590, 9.1900, 39.1502]$, and $[43.8530, 9.9325, 34.3319]$ is the 20% darker color. If you saturate the color by 10%, you get $[85.4350, 10.6315, 43.4685]$, and if you desaturate by 10%, it is $[101.8370, 7.4754, 29.0840]$.

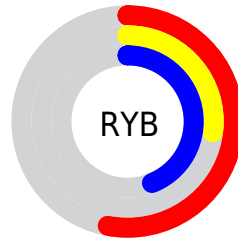
Distribution



Red (53%)

Green (27%)

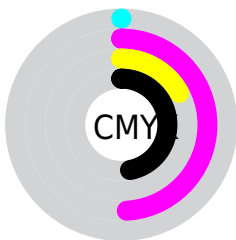
Blue (44%)



Red (53%)

Yellow (27%)

Blue (44%)

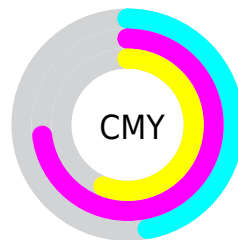


Cyan (0%)

Magenta (49%)

Yellow (17%)

Black (47%)



Cyan (47%)


Magenta (73%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.6360, 9.0535, 36.2762 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 93.6360, 9.0535, 36.2762 by changing the saturation by 10% instead.


 93.6360, 9.0535,
36.2762

 93.6360, 9.0535,
36.2762


255.0000, 0.0000,
0.0000


 69.0380, 9.3483,
35.0467

 145.3590, 9.1900,
39.1502


 43.8530, 9.9325,
34.3319

 172.6580, 9.0426,
39.7649

 22.1300, 9.7959,
31.4580

 200.3700, 9.1846,
40.8945

 13.8700, 4.0081,
21.1620

 221.8030, 12.4221,
29.1138

 0.0000, 0.0000,
0.0000

 239.7380, 7.5242,
13.3848

93.6360, 9.0535,
36.2762

93.6360, 9.0535,
36.2762

85.4350, 10.6315,
43.4685

101.8370, 7.4754,
29.0840

76.7610, 12.9358,
51.0756

110.5110, 5.1711,
21.4769

68.5600, 14.5139,
58.2679

119.2990, 3.3036,
13.7698

59.7720, 16.3814,
65.9750

127.5000, 1.7255,
6.5775

51.5710, 17.9595,
73.1672

136.2880, -0.1420,
-1.1296

50.3970, 18.5383,
74.1968

144.3750, -2.1569,
-8.2219

152.5760, -3.7350,
-15.4142

161.3640, -5.6025,

-23.1212

■ 169.4510, -7.6173,
-30.2135

Harmonies

Analogous

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



94.4570, 20.4807, 11.0002



93.6360, 9.0535, 36.2762



91.8580, -4.3670, 47.4825

Triad

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



93.6360, 9.0535, 36.2762



87.3130, -28.2553, 9.3725



76.3410, 25.9609, -66.9511

Complementary

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



93.6360, 9.0535, 36.2762



110.3640, -9.0535, -36.2762

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.



73.7360, 13.4412, -64.6665



93.6360, 9.0535, 36.2762



84.4500, -19.4488, -15.3036

Square

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



93.6360, 9.0535, 36.2762



89.7870, -27.0100, 30.0048



73.6160, -1.2897, -53.1602



75.3440, 34.8334, -66.0767

Rectangle

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



93.6360, 9.0535, 36.2762



90.8550, -13.2395, 46.6082



73.6160, -1.2897, -53.1602



75.9020, 21.7403, -66.5661

Sweetspot

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



93.6360, 9.0535, 36.2762



159.7120, 3.5930, 14.2846



83.1020, 25.5857, 6.9265



79.0380, 2.4463, 8.7367



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



93.6360, 9.0535, 36.2762



110.8480, 14.3719, 57.1383



89.9880, -4.9241, 39.4755



62.2500, 0.8628, 3.2888



48.5600, 17.9649, 71.4229



1.1250, 0.4314, 1.6444

Inverse Universe

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



93.6360, 9.0535, 36.2762



110.8480, 14.3719, 57.1383



114.0120, 4.9241, -39.4755



62.2500, 0.8628, 3.2888



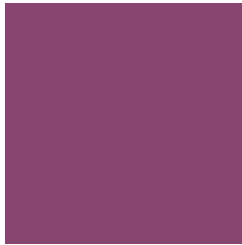
48.5600, 17.9649, 71.4229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 93.6360, 9.0535, 36.2762 looks on a white background.

Color Contrast Check

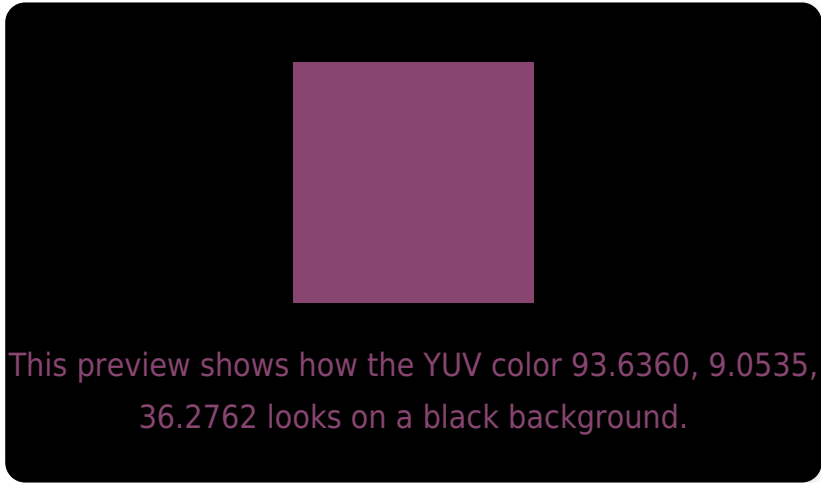
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

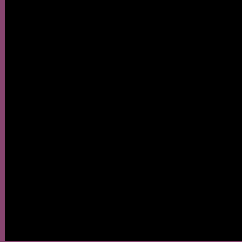
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.6360, 9.0535, 36.2762

Background



This preview shows how black text looks on a background with the YUV color 93.6360, 9.0535, 36.2762.



This preview shows how white text looks on a background with the YUV color 93.6360, 9.0535,

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

93.6360, 9.0535, 36.2762

Protanopia

92.2280, 17.6356, -9.8470

Deuteranopia

92.9490, 7.4201, 0.0447



Tritanopia

93.3140, -6.0708, 33.9276

Trichromacy



Original Color

93.6360, 9.0535, 36.2762

Protanomaly

92.8280, 14.3818, 7.1668

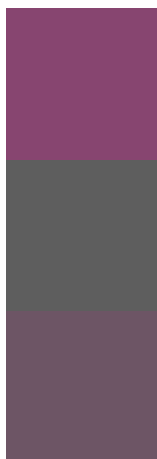
Deuteranomaly

92.8520, 7.9610, 13.2848

Tritanomaly

93.1060, -0.5453, 34.9870

Monochromacy



Original Color

93.6360, 9.0535, 36.2762

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0000, 3.4510, 13.1550

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6360, 9.0535, 36.2762 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(135, 69, 112)` looks like.

```
.text, #text, p{  
    color:rgb(135, 69, 112)  
}
```

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(135, 69, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 69, 112) }
```

Border

The CSS property to change the border of an element to YUV 93.6360, 9.0535, 36.2762 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(135, 69, 112) }
```


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

```
.border{ border-color:rgb(135, 69, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 69, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 69, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 69, 112);  
box-shadow:4px 4px 4px 4px rgb(135, 69,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 93.6360, 9.0535, 36.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 69, 112) }
```

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

```
.background{ background-color: rgb(135, 69,  
112) }
```

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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