

Converting Colors

YUV(116.3640, 65.3895,
26.8678)

Have a look what the booklet for
YUV(116.3640, 65.3895, 26.8678)
contains.

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Color

**YUV(116.3640, 65.3895,
26.8678)**

Conversions

Conversions Part 1

Format	Color
Hex	934BF9
RGB	147, 75, 249
RGB Percent	58%, 29%, 98%
CMY	0.4235, 0.7059, 0.0235
CMYK	0.41, 0.70, 0.00, 0.02
HSL	265°, 94%, 64%
HSV	265°, 70%, 98%
XYZ	31.6476, 18.0748, 91.4433
YIQ	116.3640, -12.9420, 69.3780

Conversions

Conversions Part 2

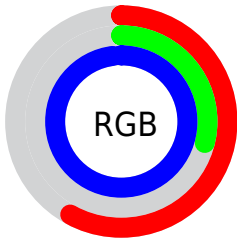
Format	Color
R_{YB}	147, 75, 249
Decimal	9653241
CIE _{Lab}	49.59, 63.85, -75.61
CIE _{LCh}	50, 98.968, 310.179
Yxy	18.0748, 0.2242, 0.1280
Android (android.graphics.Color)	4287843321 (0xFF934BF9)
YUV	116.3640, 65.3895, 26.8678
Hunter-Lab	42.5144, 58.4746, -97.7654

Details

The YUV color **116.3640, 65.3895, 26.8678** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **207.6360, -65.3895, -26.8678**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6860, 43.5388, 35.3554**, and **55.7060, 66.6999, 26.5678** is the 20% darker color. If you saturate the color by 10%, you get **97.2040, 74.8354, 30.5161**, and if you desaturate by 10%, it is **135.5240, 55.9437, 23.2195**.

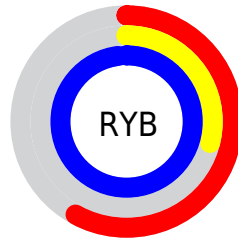
Distribution



Red (58%)

Green (29%)

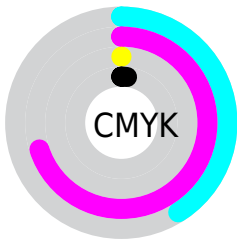
Blue (98%)



Red (58%)

Yellow (29%)

Blue (98%)

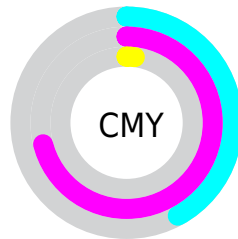


Cyan (41%)

Magenta (70%)

Yellow (0%)

Black (2%)



Cyan (42%)

Magenta (71%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3640, 65.3895, 26.8678 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 116.3640, 65.3895, 26.8678 by changing the saturation by 10% instead.

116.3640, 65.3895,
26.8678

116.3640, 65.3895,
26.8678

255.0000, 0.0000,
0.0000

88.2390, 64.9582,
25.2234

166.6860, 43.5388,
35.3554

55.7060, 66.6999,
26.5678

191.8040, 31.1556,
40.5139

34.1300, 63.5329,
15.6720

213.3230, 20.5468,
36.5507

15.5040, 59.4045,
-13.5970

230.3460, 12.1544,
21.6216

12.5400, 48.0478,
-10.9976

247.3690, 3.7621,
6.6924

9.5760, 36.6910,
-8.3982

10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 116.3640, 65.3895,
26.8678

■ 116.3640, 65.3895,
26.8678

■ 97.2040, 74.8354,
30.5161

■ 135.5240, 55.9437,
23.2195

■ 78.3430, 84.1339,
34.7792

■ 154.3850, 46.6452,
18.9564

■ 59.1830, 93.5798,
38.4275

■ 173.5450, 37.1993,
15.3080

■ 192.4060, 27.9008,
11.0449

211.5660, 18.4550,
7.3966

230.1390, 9.2985,
4.2631

249.0000, 0.0000,
0.0000

254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



100.0970, 76.3672, -87.7851



116.3640, 65.3895, 26.8678



89.8450, 42.9674, 125.5469

Triad

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



116.3640, 65.3895, 26.8678



110.2160, -54.3365, 68.2166



104.6940, 20.3639, -91.8166

Complementary

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



116.3640, 65.3895, 26.8678



207.6360, -65.3895, -26.8678

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.



92.5590, -18.5166, -81.1742



116.3640, 65.3895, 26.8678



108.0700, -53.2785, 8.7086

Square

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



116.3640, 65.3895, 26.8678



72.6240, -35.8036, 144.1578



82.1800, -40.5147, -72.0719



113.8140, 55.3077, -99.8149

Rectangle

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



116.3640, 65.3895, 26.8678



89.8540, 15.8480, 143.9560



82.1800, -40.5147, -72.0719



100.6870, 7.5493, -88.3025

Sweetspot

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



116.3640, 65.3895, 26.8678



214.0330, 20.1967, 8.7411



155.8840, 45.9062, -70.9353



103.5350, 12.0612, 4.7928



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.



116.3640, 65.3895, 26.8678



91.7080, 80.5030, 32.7051



141.7790, 52.8600, 79.1238



115.2760, 4.7939, 2.3889



44.8680, 71.0571, 29.0568



14.4290, 22.9595, 9.2708

Inverse Universe

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



138.6540, 18.9046, 96.7734



119.2360, 23.0547, 119.0650



182.2210, -52.8600, -79.1238



116.7990, 1.5781, 7.1923



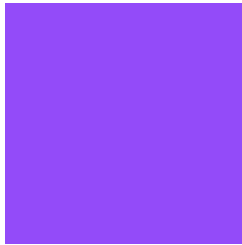
69.1650, 20.6247, 105.0953



22.3430, 6.7329, 33.9022

Previews

White Background



This preview shows how the YUV color 116.3640, 65.3895, 26.8678 looks on a white background.

Color Contrast Check

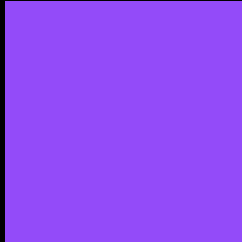
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.3640, 65.3895, 26.8678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

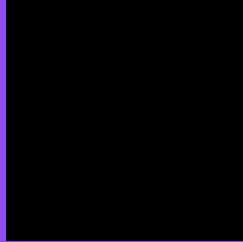
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.3640, 65.3895, 26.8678 Background



This preview shows how black text looks on a background with the YUV color 116.3640, 65.3895, 26.8678.



This preview shows how white text looks on a background with the YUV color 116.3640, 65.3895,

26.8678.

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

116.3640, 65.3895, 26.8678

Protanopia

94.2780, 71.8409, -82.6818

Deuteranopia

94.7390, 55.8377, -83.0861



Tritanopia

117.9230, 3.4890, 0.9445

Trichromacy



Original Color

116.3640, 65.3895, 26.8678



Protanomaly

102.2490, 69.3902, -43.1914



Deuteranomaly

102.3170, 59.4967, -43.2510



Tritanomaly

117.2380, 26.0117, 10.3153

Monochromacy



Original Color

116.3640, 65.3895, 26.8678



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.9560, 23.6857, 9.6856

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3640, 65.3895, 26.8678 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(147, 75, 249)` looks like.

```
.text, #text, p{  
    color:rgb(147, 75, 249)  
}
```

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(147, 75, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 75, 249) }
```

Border

The CSS property to change the border of an element to YUV 116.3640, 65.3895, 26.8678 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(147, 75, 249) }
```


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

```
.border{ border-color:rgb(147, 75, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 75, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 75, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 75, 249);  
box-shadow:4px 4px 4px 4px rgb(147, 75,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 116.3640, 65.3895, 26.8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 75, 249) }
```

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

```
.background{ background-color: rgb(147, 75,  
249) }
```

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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