

Converting Colors

YUV(106.7620, 24.7673,
36.1657)

Have a look what the booklet for
YUV(106.7620, 24.7673, 36.1657)
contains.

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Color

**YUV(106.7620, 24.7673,
36.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	944C9D
RGB	148, 76, 157
RGB Percent	58%, 30%, 62%
CMY	0.4196, 0.7020, 0.3843
CMYK	0.06, 0.52, 0.00, 0.38
HSL	293°, 35%, 46%
HSV	293°, 52%, 62%
XYZ	20.8830, 13.8991, 33.4804
YIQ	106.7620, 16.9110, 40.4550

Conversions

Conversions Part 2

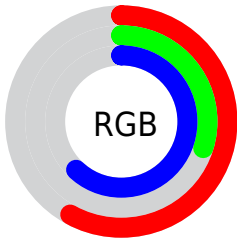
Format	Color
R_{YB}	148, 76, 157
Decimal	9718941
CIE _{Lab}	44.09, 42.71, -31.39
CIE _{LCh}	44, 53.005, 323.684
Yxy	13.8991, 0.3059, 0.2036
Android (android.graphics.Color)	4287909021 (0xFF944C9D)
YUV	106.7620, 24.7673, 36.1657
Hunter-Lab	37.2815, 34.7430, -27.1480

Details

The YUV color **106.7620, 24.7673, 36.1657** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **126.2380, -24.7673, -36.1657**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3000, 25.4881, 38.3249**, and **54.4630, 24.9147, 35.5509** is the 20% darker color. If you saturate the color by 10%, you get **96.7720, 29.6924, 43.1730**, and if you desaturate by 10%, it is **116.7520, 19.8423, 29.1585**.

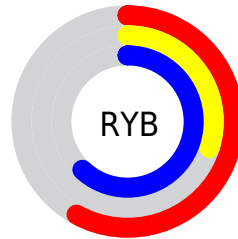
Distribution



Red (58%)

Green (30%)

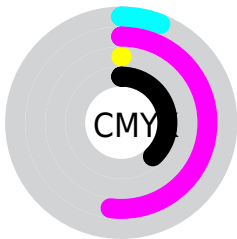
Blue (62%)



Red (58%)

Yellow (30%)

Blue (62%)

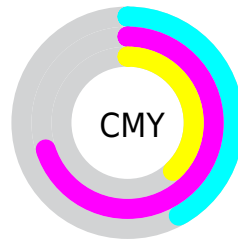


Cyan (6%)

Magenta (52%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (70%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7620, 24.7673, 36.1657 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 106.7620, 24.7673, 36.1657 by changing the saturation by 10% instead.

■ 106.7620, 24.7673,
36.1657

■ 106.7620, 24.7673,
36.1657

■ 255.0000, 0.0000,
0.0000

■ 81.0500, 24.6254,
35.0361

■ 160.3000, 25.4881,
38.3249

■ 54.4630, 24.9147,
35.5509

■ 188.0120, 25.6301,
39.4545

■ 29.8650, 25.2096,
34.3214

■ 212.1490, 21.1255,
37.5803

■ 19.9530, 18.2642,
21.9662

■ 228.5850, 13.0226,
23.1660

■ 9.0730, 12.7820,
6.9520

■ 245.6080, 4.6303,
8.2368

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 106.7620, 24.7673,
36.1657

■ 106.7620, 24.7673,
36.1657

■ 96.7720, 29.6924,
43.1730

■ 116.7520, 19.8423,
29.1585

■ 87.6680, 34.1807,
50.2802

■ 125.8560, 15.3540,
22.0513

■ 77.6780, 39.1057,
57.2874

■ 135.8460, 10.4289,
15.0441

■ 67.6880, 44.0308,
64.2946

■ 145.8360, 5.5039,
8.0368

■ 59.7580, 47.9403,
70.3722

■ 155.8260, 0.5788,
1.0296

■ 164.9300, -3.9095,
-6.0776

■ 174.9200, -8.8346,
-13.0848

■ 184.9100,
-13.7596, -20.0921

■ 194.3130,
-18.3953, -26.5845

Harmonies

Analogous

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



103.4440, 40.2071, -16.1754



106.7620, 24.7673, 36.1657



101.5520, 6.6299, 67.0449

Triad

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



106.7620, 24.7673, 36.1657



97.8800, -48.2548, 30.8002



88.5200, 24.3936, -77.6320

Complementary

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



106.7620, 24.7673, 36.1657



126.2380, -24.7673, -36.1657

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.



83.3900, 4.7377, -73.1330



106.7620, 24.7673, 36.1657



93.7080, -44.2260, -1.4979

Square

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



106.7620, 24.7673, 36.1657



100.5300, -33.7853, 56.5402



83.6860, -17.5932, -50.5906



90.9770, 41.4233, -79.7868

Rectangle

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



106.7620, 24.7673, 36.1657



99.1540, -6.4849, 73.5329



83.6860, -17.5932, -50.5906



87.5110, 17.9891, -76.7471

Sweetspot

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



106.7620, 24.7673, 36.1657



184.9060, 9.4133, 14.1144



90.5170, 32.7761, -12.7314



90.8360, 5.5039, 8.0368



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



106.7620, 24.7673, 36.1657



125.8520, 38.5270, 56.2578



105.9190, 9.8999, 44.7980



74.0050, 2.4625, 3.5036



54.2750, 43.7414, 63.7798



5.8960, 4.4883, 7.1072

Inverse Universe

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



101.2450, -8.0088, 48.8971



117.2700, -12.4581, 76.0622



127.0810, -9.8999, -44.7980



73.5060, -0.7425, 4.8182



44.5810, -14.0904, 86.3135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 106.7620, 24.7673, 36.1657 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 106.7620, 24.7673, 36.1657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

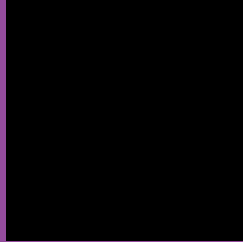
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.7620, 24.7673, 36.1657

Background



This preview shows how black text looks on a background with the YUV color 106.7620, 24.7673, 36.1657.



This preview shows how white text looks on a background with the YUV color 106.7620, 24.7673, 36.1657.

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

106.7620, 24.7673, 36.1657

Protanopia

101.6230, 38.6399, -26.8564

Deuteranopia

104.0900, 23.6196, -15.8649



Tritanopia

106.4490, -4.1654, 29.4242

Trichromacy



Original Color

106.7620, 24.7673, 36.1657

Protanomaly

103.8000, 33.6226, -4.2096

Deuteranomaly

105.3250, 23.9968, 3.2230

Tritanomaly

106.8050, 6.0121, 31.7430

Monochromacy



Original Color

106.7620, 24.7673, 36.1657

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0800, 8.8346, 13.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7620, 24.7673, 36.1657 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(148, 76, 157)` looks like.

```
.text, #text, p{  
    color:rgb(148, 76, 157)  
}
```

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(148, 76, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 76, 157) }
```

Border

The CSS property to change the border of an element to YUV 106.7620, 24.7673, 36.1657 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(148, 76, 157) }
```


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

```
.border{ border-color:rgb(148, 76, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 76, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 76, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 76, 157);  
box-shadow:4px 4px 4px 4px rgb(148, 76,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 106.7620, 24.7673, 36.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 76, 157) }
```

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

```
.background{ background-color: rgb(148, 76,  
157) }
```

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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