

Converting Colors

YUV(114.0520, 34.9774,
28.0184)

Have a look what the booklet for
YUV(114.0520, 34.9774, 28.0184)
contains.

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Color

**YUV(114.0520, 34.9774,
28.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	9254B9
RGB	146, 84, 185
RGB Percent	57%, 33%, 73%
CMY	0.4275, 0.6706, 0.2745
CMYK	0.21, 0.55, 0.00, 0.27
HSL	277°, 42%, 53%
HSV	277°, 55%, 73%
XYZ	23.7813, 15.9544, 47.7250
YIQ	114.0520, 4.5310, 44.5550

Conversions

Conversions Part 2

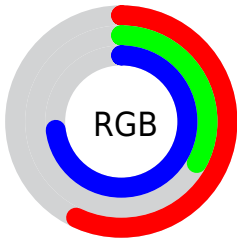
Format	Color
R_{YB}	146, 84, 185
Decimal	9589945
CIE _{Lab}	46.91, 43.88, -43.45
CIE _{LCh}	47, 61.755, 315.284
Yxy	15.9544, 0.2719, 0.1824
Android (android.graphics.Color)	4287780025 (0xFF9254B9)
YUV	114.0520, 34.9774, 28.0184
Hunter-Lab	39.9430, 36.3755, -42.8813

Details

The YUV color **114.0520, 34.9774, 28.0184** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **154.9480, -34.9774, -28.0184**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8180, 36.5717, 29.9776**, and **62.4000, 33.8198, 25.9592** is the 20% darker color. If you saturate the color by 10%, you get **101.3930, 41.2183, 32.9813**, and if you desaturate by 10%, it is **127.2980, 28.4471, 22.5407**.

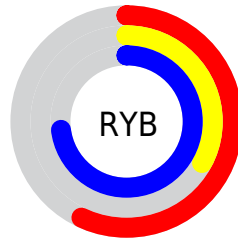
Distribution



Red (57%)

Green (33%)

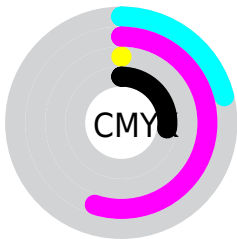
Blue (73%)



Red (57%)

Yellow (33%)

Blue (73%)

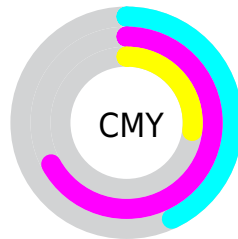


Cyan (21%)

Magenta (55%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (67%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0520, 34.9774, 28.0184 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 114.0520, 34.9774, 28.0184 by changing the saturation by 10% instead.

■ 114.0520, 34.9774,
28.0184

■ 114.0520, 34.9774,
28.0184

■ 255.0000, 0.0000,
0.0000

■ 88.2260, 34.3986,
26.9888

■ 167.8180, 36.5717,
29.9776

■ 62.4000, 33.8198,
25.9592

■ 193.8200, 30.1617,
32.6069

■ 34.1660, 35.4142,
27.9184

■ 216.8450, 18.8104,
33.4619

■ 21.1940, 29.4844,
16.4929

■ 233.8680, 10.4181,
18.5328

■ 10.9830, 22.6864,
3.5229

■ 250.8910, 2.0257,
3.6036

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 114.0520, 34.9774,
28.0184

■ 114.0520, 34.9774,
28.0184

■ 101.3930, 41.2183,
32.9813

■ 127.2980, 28.4471,
22.5407

■ 88.1470, 47.7485,
38.4591

■ 139.9570, 22.2062,
17.5777

■ 75.4880, 53.9894,
43.4220

■ 153.2030, 15.6759,
12.1000

■ 61.9430, 60.6671,
48.2850

■ 166.1610, 9.2876,
7.7518

■ 55.1760, 64.0032,
51.5886

■ 179.4070, 2.7573,
2.2741

■ 192.0660, -3.4835,
-2.6889

■ 204.7250, -9.7244,
-7.6518

■ 217.9710,
-16.2547, -13.1296

■ 231.2170,
-22.7850, -18.6073

Harmonies

Analogous

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



98.3280, 56.0403, -54.6617



114.0520, 34.9774, 28.0184



107.2890, 15.6335, 72.5375

Triad

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



114.0520, 34.9774, 28.0184



104.4580, -51.4978, 44.3253



94.8630, 20.7735, -83.1949

Complementary

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



114.0520, 34.9774, 28.0184



154.9480, -34.9774, -28.0184

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.



87.5330, -2.2348, -76.7664



114.0520, 34.9774, 28.0184



101.5690, -50.0735, 7.3940

Square

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



114.0520, 34.9774, 28.0184



105.1560, -33.1079, 72.6542



91.5980, -30.8608, -41.7434



98.4600, 42.1712, -86.3494

Rectangle

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



114.0520, 34.9774, 28.0184



102.7780, 0.6024, 87.0177



91.5980, -30.8608, -41.7434



92.2240, 13.2006, -80.8804

Sweetspot

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



114.0520, 34.9774, 28.0184



212.6220, 13.4974, 10.8555



118.9940, 32.5410, -30.6897



103.8080, 7.9827, 6.3074



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



114.0520, 34.9774, 28.0184



128.4280, 55.0050, 44.3516



124.5730, 24.8605, 52.9945



85.5210, 3.1941, 2.1741



46.1890, 54.1368, 42.8072



8.2750, 9.7244, 7.6518

Inverse Universe

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



118.6450, 2.1470, 58.1933



135.6090, 3.6438, 91.5509



144.4270, -24.8605, -52.9945



86.0330, -0.0163, 5.2331



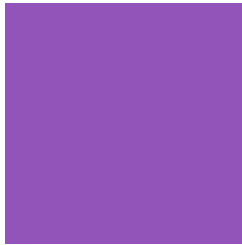
53.4840, 3.2124, 89.9065



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 114.0520, 34.9774, 28.0184 looks on a white background.

Color Contrast Check

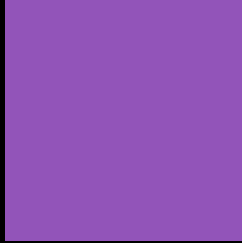
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.0520, 34.9774, 28.0184 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 114.0520, 34.9774, 28.0184 Background



This preview shows how black text looks on a background with the YUV color 114.0520, 34.9774, 28.0184.



This preview shows how white text looks on a background with the YUV color 114.0520, 34.9774,

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

114.0520, 34.9774, 28.0184

Protanopia

104.5640, 51.4869, -40.8366

Deuteranopia

107.4930, 35.7460, -32.0044



Tritanopia

113.1810, -1.0752, 18.2583

Trichromacy



Original Color

114.0520, 34.9774, 28.0184

Protanomaly

107.8230, 45.4433, -15.6308

Deuteranomaly

109.9240, 35.5335, -10.4573

Tritanomaly

113.3460, 12.1544, 21.6216

Monochromacy



Original Color

114.0520, 34.9774, 28.0184

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0950, 12.7712, 10.4407

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0520, 34.9774, 28.0184 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(146, 84, 185)` looks like.

```
.text, #text, p{  
    color:rgb(146, 84, 185)  
}
```

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(146, 84, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 84, 185) }
```

Border

The CSS property to change the border of an element to YUV 114.0520, 34.9774, 28.0184 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(146, 84, 185) }
```


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

```
.border{ border-color:rgb(146, 84, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 84, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 84, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 84, 185); box-shadow:4px 4px 4px 4px rgb(146, 84, 185) }
```

Background

The CSS property to change the background color of an element to YUV 114.0520, 34.9774, 28.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 84, 185) }
```

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

```
.background{ background-color: rgb(146, 84,  
185) }
```

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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