

Converting Colors

YUV(114.8500, 34.5840,
14.1636)

Have a look what the booklet for
YUV(114.8500, 34.5840, 14.1636)
contains.

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Color

**YUV(114.8500, 34.5840,
14.1636)**

Conversions

Conversions Part 1

Format	Color
Hex	835DB9
RGB	131, 93, 185
RGB Percent	51%, 36%, 73%
CMY	0.4863, 0.6353, 0.2745
CMYK	0.29, 0.50, 0.00, 0.27
HSL	265°, 40%, 55%
HSV	265°, 50%, 73%
XYZ	22.0314, 16.1568, 47.8563
YIQ	114.8500, -6.8840, 36.6680

Conversions

Conversions Part 2

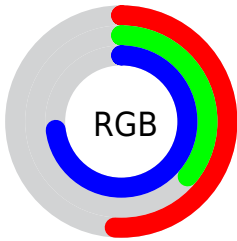
Format	Color
R_{YB}	131, 93, 185
Decimal	8609209
CIE _{Lab}	47.18, 34.82, -43.13
CIE _{LCh}	47, 55.431, 308.910
Yxy	16.1568, 0.2560, 0.1878
Android (android.graphics.Color)	4286799289 (0xFF835DB9)
YUV	114.8500, 34.5840, 14.1636
Hunter-Lab	40.1955, 27.4947, -42.4532

Details

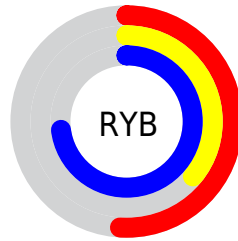
The YUV color **114.8500, 34.5840, 14.1636** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **163.1500, -34.5840, -14.1636**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7300, 36.6151, 16.0228**, and **64.6710, 32.7002, 11.6895** is the 20% darker color. If you saturate the color by 10%, you get **100.4080, 41.7039, 17.1822**, and if you desaturate by 10%, it is **128.7050, 27.7534, 11.6597**.

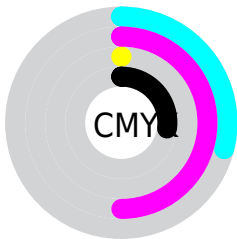
Distribution



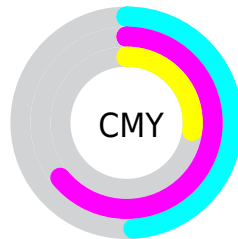
- Red (51%)
- Green (36%)
- Blue (73%)



- Red (51%)
- Yellow (36%)
- Blue (73%)



- Cyan (29%)
- Magenta (50%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (64%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8500, 34.5840, 14.1636 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 114.8500, 34.5840, 14.1636 by changing the saturation by 10% instead.

■ 114.8500, 34.5840,
14.1636

■ 114.8500, 34.5840,
14.1636

255.0000, 0.0000,
0.0000

■ 89.6110, 33.7158,
12.6192

■ 167.7300, 36.6151,
16.0228

■ 64.6710, 32.7002,
11.6895

■ 193.7320, 30.2051,
18.6520

■ 40.5460, 32.2688,
10.0452

■ 218.8390, 17.8274,
22.0662

■ 16.4100, 31.8429,
6.6564

■ 238.5640, 8.1029,
14.4144

■ 6.4980, 24.8975,
-5.6987

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 114.8500, 34.5840,
14.1636

■ 114.8500, 34.5840,
14.1636

■ 100.4080, 41.7039,
17.1822

■ 128.7050, 27.7534,
11.6597

■ 86.5530, 48.5344,
19.6860

■ 143.1470, 20.6335,
8.6411

■ 72.1110, 55.6543,
22.7047

■ 157.5890, 13.5136,
5.6224

■ 58.5550, 62.3374,
25.8233

■ 171.1450, 6.8305,
2.5038

■ 44.1130, 69.4573,
28.8419

■ 185.5870, -0.2894,
-0.5148

■ 43.8140, 69.6047,
28.2271

■ 199.4420, -7.1199,
-3.0186

■ 213.2970,
-13.9504, -5.5225

■ 227.7390,
-21.0703, -8.5411

■ 239.2460,
-26.7433, -8.9857

Harmonies

Analogous

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



90.0000, 56.6950, -78.0530



114.8500, 34.5840, 14.1636



112.1300, 16.6979, 57.7680

Triad

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



114.8500, 34.5840, 14.1636



106.6740, -45.6883, 47.6439



92.3210, 16.1107, -80.9655

Complementary

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



114.8500, 34.5840, 14.1636



163.1500, -34.5840, -14.1636

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.



85.5610, -4.7136, -75.0370



114.8500, 34.5840, 14.1636



103.0970, -50.8268, 15.7009

Square

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



114.8500, 34.5840, 14.1636



107.4960, -25.3875, 69.7250



98.1380, -33.0990, -23.8000



96.8640, 36.0560, -84.9497

Rectangle

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



114.8500, 34.5840, 14.1636



108.2000, 3.8454, 73.4926



98.1380, -33.0990, -23.8000



90.4970, 9.1220, -79.3659

Sweetspot

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



114.8500, 34.5840, 14.1636



212.5890, 13.5136, 5.6224



135.7730, 24.2689, -37.5119



103.1990, 8.2829, 3.3335



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.



114.8500, 34.5840, 14.1636



130.0570, 54.2019, 21.8750



128.3050, 27.9506, 41.8285



84.9230, 3.4890, 0.9445



36.9200, 58.7064, 23.7492



6.7800, 10.4615, 4.5779

Inverse Universe

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



126.6640, 10.0256, 51.1607



148.6320, 15.4644, 80.1297



149.6950, -27.9506, -41.8285



86.2610, 0.8573, 5.0331



57.0180, 16.7531, 86.8072



10.1960, 2.8614, 15.6141

Previews

White Background



This preview shows how the YUV color 114.8500, 34.5840, 14.1636 looks on a white background.

Color Contrast Check

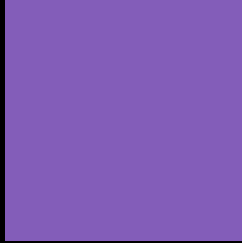
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.8500, 34.5840, 14.1636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

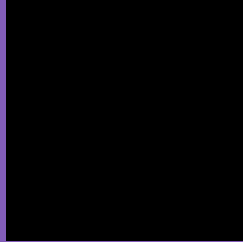
Any Text WCAG AA × Fail

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 114.8500, 34.5840, 14.1636 Background



This preview shows how black text looks on a background with the YUV color 114.8500, 34.5840, 14.1636.



This preview shows how white text looks on a background with the YUV color 114.8500, 34.5840,

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

114.8500, 34.5840, 14.1636

Protanopia

107.4140, 45.6449, -33.6891

Deuteranopia

107.6070, 36.1827, -32.1043



Tritanopia

112.7170, 2.6045, 4.6332

Trichromacy



Original Color

114.8500, 34.5840, 14.1636

Protanomaly

110.1990, 41.8069, -15.9605

Deuteranomaly

110.1900, 35.4023, -15.0756

Tritanomaly

113.4260, 14.0870, 8.3964

Monochromacy



Original Color

114.8500, 34.5840, 14.1636

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9480, 12.3506, 5.3076

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8500, 34.5840, 14.1636 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(131, 93, 185)` looks like.

```
.text, #text, p{  
    color:rgb(131, 93, 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(131, 93, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 93, 185) }
```

Border

The CSS property to change the border of an element to YUV 114.8500, 34.5840, 14.1636 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(131, 93, 185) }
```


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

```
.border{ border-color:rgb(131, 93, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 93, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 93, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 93, 185); box-shadow:4px 4px 4px 4px rgb(131, 93, 185) }
```

Background

The CSS property to change the background color of an element to YUV 114.8500, 34.5840, 14.1636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 93, 185) }
```

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

```
.background{ background-color: rgb(131, 93,  
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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