

Converting Colors

YUV(114.0840, 32.9896,
12.2043)

Have a look what the booklet for
YUV(114.0840, 32.9896, 12.2043)
contains.

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Color

**YUV(114.0840, 32.9896,
12.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	805EB5
RGB	128, 94, 181
RGB Percent	50%, 37%, 71%
CMY	0.4980, 0.6314, 0.2902
CMYK	0.29, 0.48, 0.00, 0.29
HSL	263°, 37%, 54%
HSV	263°, 48%, 71%
XYZ	21.2453, 15.9308, 45.6713
YIQ	114.0840, -7.6630, 34.2650

Conversions

Conversions Part 2

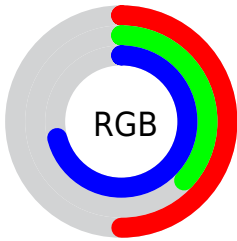
Format	Color
R _Y B	128, 94, 181
Decimal	8412853
CIE Lab	46.88, 32.39, -41.29
CIE LCh	47, 52.483, 308.114
Yxy	15.9308, 0.2564, 0.1923
Android (android.graphics.Color)	4286602933 (0xFF805EB5)
YUV	114.0840, 32.9896, 12.2043
Hunter-Lab	39.9134, 25.1643, -39.9037

Details

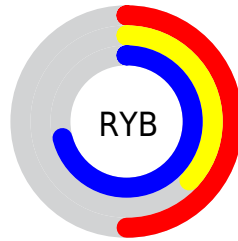
The YUV color **114.0840, 32.9896, 12.2043** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **160.9160, -32.9896, -12.2043**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8500, 34.5840, 14.1636**, and **64.6060, 31.2532, 9.1155** is the 20% darker color. If you saturate the color by 10%, you get **100.2290, 39.8201, 14.7082**, and if you desaturate by 10%, it is **127.9390, 26.1591, 9.7005**.

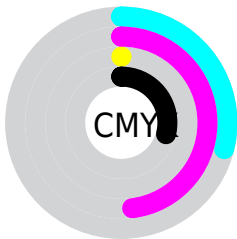
Distribution



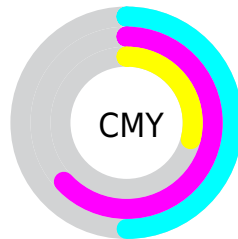
- Red (50%)
- Green (37%)
- Blue (71%)



- Red (50%)
- Yellow (37%)
- Blue (71%)



- Cyan (29%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)



- Cyan (50%)
- Magenta (63%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0840, 32.9896, 12.2043 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 114.0840, 32.9896, 12.2043 by changing the saturation by 10% instead.

■ 114.0840, 32.9896,
12.2043

■ 114.0840, 32.9896,
12.2043

■ 255.0000, 0.0000,
0.0000

■ 88.8450, 32.1214,
10.6599

■ 166.8500, 34.5840,
14.1636

■ 64.6060, 31.2532,
9.1155

■ 193.1230, 30.5054,
15.6781

■ 40.3670, 30.3851,
7.5711

■ 217.6430, 18.4170,
19.6071

■ 16.5300, 29.8117,
4.7972

■ 239.1510, 7.8136,
13.8996

■ 6.1560, 23.5871,
-5.3988

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 114.0840, 32.9896,
12.2043

■ 114.0840, 32.9896,
12.2043

■ 100.2290, 39.8201,
14.7082

■ 127.9390, 26.1591,
9.7005

■ 86.3740, 46.6506,
17.2120

■ 141.7940, 19.3286,
7.1967

■ 72.5190, 53.4811,
19.7158

■ 155.6490, 12.4980,
4.6928

■ 58.6640, 60.3116,
22.2197

■ 169.5040, 5.6675,
2.1890

■ 44.2220, 67.4316,
25.2383

■ 183.9460, -1.4524,
-0.8296

41.8630, 68.5945,
25.5531

197.8010, -8.2829,
-3.3335

211.6560,
-15.1134, -5.8373

225.5110,
-21.9439, -8.3411

238.1920,
-28.1957, -9.8154

Harmonies

Analogous

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



94.4100, 51.5629, -65.2576



114.0840, 32.9896, 12.2043



112.2820, 16.1300, 53.2497

Triad

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



114.0840, 32.9896, 12.2043



107.1020, -41.4623, 45.5145



91.3920, 15.0897, -80.1508

Complementary

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



114.0840, 32.9896, 12.2043



160.9160, -32.9896, -12.2043

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.



84.9740, -4.4242, -74.5222



114.0840, 32.9896, 12.2043



103.2650, -48.9376, 16.4306

Square

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



114.0840, 32.9896, 12.2043



107.2290, -23.7769, 66.4512



99.2030, -31.6521, -21.2260



95.7070, 34.1614, -83.9350

Rectangle

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



114.0840, 32.9896, 12.2043



108.4660, 3.7143, 68.8743



99.2030, -31.6521, -21.2260



89.0950, 8.8272, -78.1363

Sweetspot

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



114.0840, 32.9896, 12.2043



209.6490, 12.4980, 4.6928



135.6160, 22.3743, -36.4972



101.6720, 7.5567, 2.9187



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



114.0840, 32.9896, 12.2043



130.3510, 51.5920, 18.9862



126.9410, 26.6511, 38.6397



82.2220, 3.3416, 1.5593



35.3820, 57.9857, 21.5900



5.9540, 9.8827, 3.5483

Inverse Universe

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



126.0550, 10.3259, 48.1868



149.0120, 15.7701, 75.4115



148.0590, -26.6511, -38.6397



83.3750, 1.2941, 4.9331



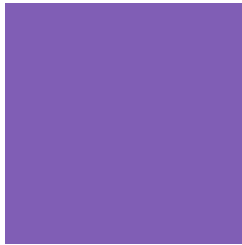
56.3490, 18.0689, 84.7629



9.5980, 3.1562, 14.3846

Previews

White Background



This preview shows how the YUV color 114.0840, 32.9896, 12.2043 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 114.0840, 32.9896, 12.2043 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 114.0840, 32.9896, 12.2043

Background



This preview shows how black text looks on a background with the YUV color 114.0840, 32.9896, 12.2043.



This preview shows how white text looks on a background with the YUV color 114.0840, 32.9896, 12.2043.

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

114.0840, 32.9896, 12.2043

Protanopia

107.1540, 43.3081, -30.8301

Deuteranopia

107.4610, 34.2827, -29.3453



Tritanopia

112.1190, 2.8993, 3.4036

Trichromacy



Original Color

114.0840, 32.9896, 12.2043

Protanomaly

109.6290, 39.6229, -15.4606

Deuteranomaly

110.0330, 33.5077, -14.0609

Tritanomaly

113.0020, 13.8030, 6.1372

Monochromacy



Original Color

114.0840, 32.9896, 12.2043

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1220, 11.7719, 4.2780

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0840, 32.9896, 12.2043 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(128, 94, 181)` looks like.

```
.text, #text, p{  
    color:rgb(128, 94, 181)  
}
```

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(128, 94, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 94, 181) }
```

Border

The CSS property to change the border of an element to YUV 114.0840, 32.9896, 12.2043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

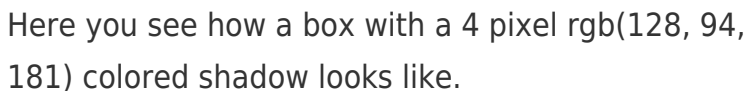
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 94, 181) }
```


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

```
.border{ border-color:rgb(128, 94, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 94, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 94, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 94, 181); box-shadow:4px 4px 4px 4px rgb(128, 94, 181) }
```

Background

The CSS property to change the background color of an element to YUV 114.0840, 32.9896, 12.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 94, 181) }
```

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

```
.background{ background-color: rgb(128, 94,  
181) }
```

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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