

Converting Colors

YUV(98.7140, 54.3710, 14.2828)

Have a look what the booklet for
YUV(98.7140, 54.3710, 14.2828)
contains.

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Color

**YUV(98.7140, 54.3710,
14.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	7345D1
RGB	115, 69, 209
RGB Percent	45%, 27%, 82%
CMY	0.5490, 0.7294, 0.1804
CMYK	0.45, 0.67, 0.00, 0.18
HSL	260°, 60%, 55%
HSV	260°, 67%, 82%
XYZ	20.7070, 12.5045, 61.6438
YIQ	98.7140, -17.5240, 53.2920

Conversions

Conversions Part 2

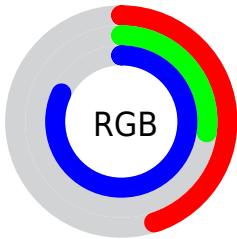
Format	Color
R_{YB}	115, 69, 209
Decimal	7554513
CIE _{Lab}	42.01, 50.83, -65.44
CIE _{LCh}	42, 82.861, 307.837
Yxy	12.5045, 0.2183, 0.1318
Android (android.graphics.Color)	4285744593 (0xFF7345D1)
YUV	98.7140, 54.3710, 14.2828
Hunter-Lab	35.3617, 42.6422, -78.6032

Details

The YUV color **98.7140, 54.3710, 14.2828** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **179.2860, -54.3710, -14.2828**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2370, 51.1552, 19.0862**, and **43.5670, 53.9505, 9.1497** is the 20% darker color. If you saturate the color by 10%, you get **82.2010, 62.5119, 16.4867**, and if you desaturate by 10%, it is **115.2270, 46.2301, 12.0789**.

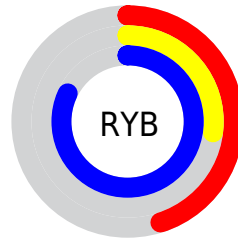
Distribution



Red (45%)

Green (27%)

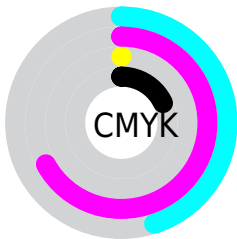
Blue (82%)



Red (45%)

Yellow (27%)

Blue (82%)

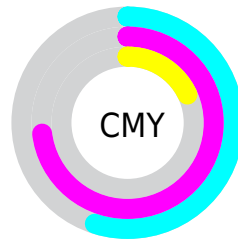


Cyan (45%)

Magenta (67%)

Yellow (0%)

Black (18%)



Cyan (55%)

Magenta (73%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.7140, 54.3710, 14.2828 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 98.7140, 54.3710, 14.2828 by changing the saturation by 10% instead.

■ 98.7140, 54.3710,
14.2828

■ 98.7140, 54.3710,
14.2828

255.0000, 0.0000,
0.0000

■ 72.1760, 53.6502,
12.1236

■ 151.2370, 51.1552,
19.0862

■ 43.5670, 53.9505,
9.1497

■ 176.0560, 38.9194,
23.6299

■ 17.4680, 53.9993,
-6.5494

■ 200.5760, 26.8310,
27.5588

■ 11.5140, 44.1166,
-10.0978

■ 223.8890, 15.3377,
27.2843

■ 8.6640, 33.1966,
-7.5983

■ 240.3250, 7.2348,
12.8700

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 98.7140, 54.3710,
14.2828

■ 98.7140, 54.3710,
14.2828

■ 82.2010, 62.5119,
16.4867

■ 115.2270, 46.2301,
12.0789

■ 65.6880, 70.6528,
18.6906

■ 131.7400, 38.0892,
9.8750

■ 49.1750, 78.7937,
20.8945

■ 148.2530, 29.9483,
7.6711

■ 44.4570, 81.1197,
21.5242

■ 164.7660, 21.8074,
5.4672

■ 181.2790, 13.6665,
3.2633

■ 197.2050, 5.8149,
1.5742

■ 213.7180, -2.3260,
-0.6297

■ 230.2310,
-10.4669, -2.8336

■ 245.5700,
-18.0290, -4.0079

Harmonies

Analogous

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



88.0660, 73.4245, -77.2339



98.7140, 54.3710, 14.2828



74.1380, 38.3860, 101.6110

Triad

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



98.7140, 54.3710, 14.2828



92.1640, -45.4369, 60.3692



87.1860, 14.2053, -76.4621

Complementary

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



98.7140, 54.3710, 14.2828



179.2860, -54.3710, -14.2828

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.



76.9890, -17.2496, -67.5194



98.7140, 54.3710, 14.2828



92.1550, -45.4324, 12.1421

Square

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



98.7140, 54.3710, 14.2828



68.8420, -26.5441, 114.1486



68.6790, -33.8587, -60.2315



94.8240, 43.4708, -83.1606

Rectangle

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



98.7140, 54.3710, 14.2828



74.9880, 15.7819, 118.4055



68.6790, -33.8587, -60.2315



83.8630, 4.0115, -73.5479

Sweetspot

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



98.7140, 54.3710, 14.2828



214.8970, 19.7708, 5.3523



141.3120, 33.3702, -63.4176



103.5240, 12.0667, 3.0485



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.



98.7140, 54.3710, 14.2828



94.2890, 79.2305, 20.7945



119.0460, 44.3473, 56.0877



96.4500, 4.2152, 1.3594



35.5970, 65.2747, 17.0164



8.5610, 15.9924, 3.8930

Inverse Universe

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



121.5760, 20.4220, 76.6708



127.6140, 29.7703, 111.7175



158.9540, -44.3473, -56.0877



98.0870, 1.4361, 6.0627



63.1140, 24.5938, 91.9850



15.3370, 5.7499, 22.5065

Previews

White Background



This preview shows how the YUV color 98.7140, 54.3710, 14.2828 looks on a white background.

Color Contrast Check

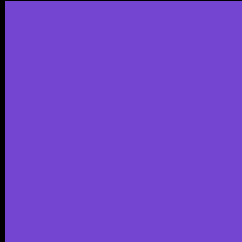
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.7140, 54.3710, 14.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

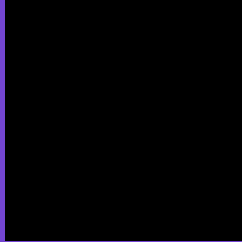
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.7140, 54.3710, 14.2828

Background



This preview shows how black text looks on a background with the YUV color 98.7140, 54.3710, 14.2828.



This preview shows how white text looks on a background with the YUV color 98.7140, 54.3710,

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

98.7140, 54.3710, 14.2828

Protanopia

79.3800, 60.4517, -69.6163

Deuteranopia

79.8240, 46.9218, -70.0056



Tritanopia

98.6230, 5.1159, -7.5624

Trichromacy



Original Color

98.7140, 54.3710, 14.2828

Protanomaly

86.4100, 58.4649, -38.9476

Deuteranomaly

86.7060, 49.4449, -39.2072

Tritanomaly

98.3740, 22.9866, 0.5490

Monochromacy



Original Color

98.7140, 54.3710, 14.2828

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8970, 19.7708, 5.3523

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7140, 54.3710, 14.2828 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(115, 69, 209)` looks like.

```
.text, #text, p{  
    color:rgb(115, 69, 209)  
}
```

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(115, 69, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 69, 209) }
```

Border

The CSS property to change the border of an element to YUV 98.7140, 54.3710, 14.2828 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(115, 69, 209) }
```


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

```
.border{ border-color:rgb(115, 69, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 69, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 69, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 69, 209);  
box-shadow:4px 4px 4px 4px rgb(115, 69,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 98.7140, 54.3710, 14.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 69, 209) }
```

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

```
.background{ background-color: rgb(115, 69,  
209) }
```

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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