

Converting Colors

YUV(150.5640, 8.1029, 14.4144)

Have a look what the booklet for
YUV(150.5640, 8.1029, 14.4144)
contains.

YUV(150.5640, 8.1029, 14.4144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.5640, 8.1029,
14.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	A78BA7
RGB	167, 139, 167
RGB Percent	65%, 55%, 65%
CMY	0.3451, 0.4549, 0.3451
CMYK	0.00, 0.17, 0.00, 0.35
HSL	300°, 14%, 60%
HSV	300°, 17%, 65%
XYZ	32.1440, 29.4707, 40.5535
YIQ	150.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

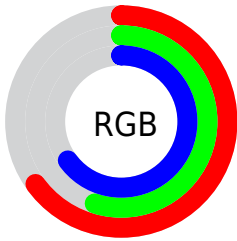
Format	Color
R_{YB}	167, 139, 167
Decimal	10980263
CIE _{Lab}	61.19, 15.62, -10.80
CIE _{LCh}	61, 18.992, 325.333
Yxy	29.4707, 0.3146, 0.2885
Android (android.graphics.Color)	4289170343 (0xFFA78BA7)
YUV	150.5640, 8.1029, 14.4144
Hunter-Lab	54.2870, 10.6900, -6.2900

Details

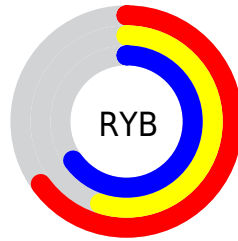
The YUV color $150.5640, 8.1029, 14.4144$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $155.4360, -8.1029, -14.4144$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.9770, 8.3923, 14.9292$, and $99.7380, 7.5242, 13.3848$ is the 20% darker color. If you saturate the color by 10%, you get $140.5850, 13.0226, 23.1660$, and if you desaturate by 10%, it is $160.5430, 3.1833, 5.6628$.

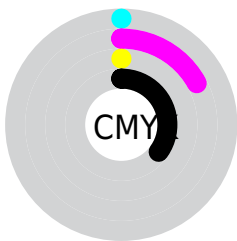
Distribution



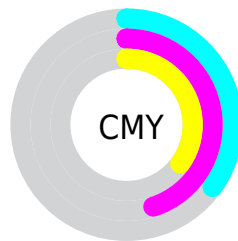
- Red (65%)
- Green (55%)
- Blue (65%)



- Red (65%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5640, 8.1029, 14.4144 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 150.5640, 8.1029, 14.4144 by changing the saturation by 10% instead.

■ 150.5640, 8.1029,
14.4144

■ 150.5640, 8.1029,
14.4144

255.0000, 0.0000,
0.0000

■ 124.2650, 8.2504,
13.7996

■ 204.9770, 8.3923,
14.9292

■ 99.7380, 7.5242,
13.3848

■ 233.3900, 8.6817,
15.4440

■ 75.3250, 7.2348,
12.8700

■ 251.4780, 1.7363,
3.0888

■ 52.6130, 7.0928,
11.7404

■ 31.2000, 6.8034,
11.2256

■ 10.3250, 7.2348,
12.8700

■ 0.0000, 0.0000,

0.0000

150.5640, 8.1029,
14.4144

150.5640, 8.1029,
14.4144

140.5850, 13.0226,
23.1660

160.5430, 3.1833,
5.6628

131.1930, 17.6529,
31.4027

169.9350, -1.4470,
-2.5740

121.2140, 22.5725,
40.1543

179.9140, -6.3666,
-11.3256

111.2350, 27.4921,
48.9059

189.8930,
-11.2862, -20.0772

101.2560, 32.4118,
57.6575

199.2850,
-15.9165, -28.3139

91.8640, 37.0420,
65.8943

209.2640,
-20.8362, -37.0655

■ 81.8850, 41.9617,
74.6459

■ 218.6560,
-25.4664, -45.3023

■ 71.9060, 46.8813,
83.3974

■ 68.9710, 48.3283,
85.9714

Harmonies

Analogous

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



148.7730, 14.4089, -1.5549



150.5640, 8.1029, 14.4144



150.5670, 0.2135, 24.9357

Triad

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



150.5640, 8.1029, 14.4144



147.4350, -16.4835, 13.6505



140.7120, 10.0020, -34.8274

Complementary

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



150.5640, 8.1029, 14.4144



155.4360, -8.1029, -14.4144

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.



141.1660, 1.3972, -28.2096



150.5640, 8.1029, 14.4144



145.3300, -13.9667, -0.2894

Square

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



150.5640, 8.1029, 14.4144



148.5980, -13.6058, 24.0316



143.2510, -7.5187, -15.1291



142.9280, 15.8115, -31.5089

Rectangle

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



150.5640, 8.1029, 14.4144



150.2100, -5.0335, 27.8798



143.2510, -7.5187, -15.1291



140.4410, 7.6706, -33.7128

Sweetspot

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



150.5640, 8.1029, 14.4144



210.5430, 3.1833, 5.6628



142.1920, 12.2303, -2.7994



105.8910, 2.0257, 3.6036



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



150.5640, 8.1029, 14.4144



191.1720, 12.7332, 22.6512



148.9680, 1.9878, 15.8141



79.3040, 2.3151, 4.1184



61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Inverse Universe

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



150.5640, 8.1029, 14.4144



191.1720, 12.7332, 22.6512



157.0320, -1.9878, -15.8141



79.3040, 2.3151, 4.1184



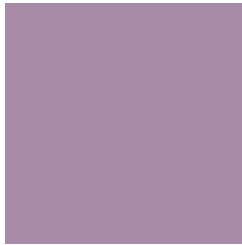
61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 150.5640, 8.1029, 14.4144 looks on a white background.

Color Contrast Check

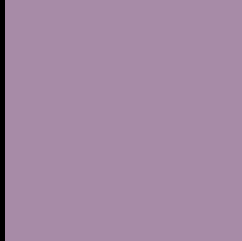
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 150.5640, 8.1029, 14.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

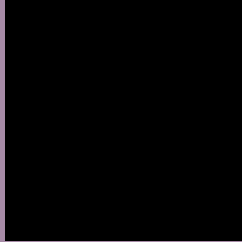
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.5640, 8.1029, 14.4144 Background



This preview shows how black text looks on a background with the YUV color 150.5640, 8.1029, 14.4144.



This preview shows how white text looks on a background with the YUV color 150.5640, 8.1029,

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

150.5640, 8.1029, 14.4144

Protanopia

148.6540, 11.5096, -4.9586

Deuteranopia

149.4980, 8.1355, 3.9483



Tritanopia

150.1310, 1.4144, 13.0401

Trichromacy



Original Color

150.5640, 8.1029, 14.4144

Protanomaly

149.3560, 10.1775, 2.3188

Deuteranomaly

149.8190, 7.9772, 8.0517

Tritanomaly

150.4130, 3.7404, 13.6698

Monochromacy



Original Color

150.5640, 8.1029, 14.4144

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5640, 8.1029, 14.4144 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(167, 139, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 139, 167)  
}
```

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(167, 139, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 139, 167) }
```

Border

The CSS property to change the border of an element to YUV 150.5640, 8.1029, 14.4144 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(167, 139, 167) }
```


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

```
.border{ border-color:rgb(167, 139, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 139, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 139, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 139, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 139,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 150.5640, 8.1029, 14.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 139, 167) }
```

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

```
.background{ background-color: rgb(167,  
139, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor