

Converting Colors

YUV(113.3160, 14.1412,
-9.0471)

Have a look what the booklet for
YUV(113.3160, 14.1412, -9.0471)
contains.

YUV(113.3160, 14.1412, -9.0471)	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(113.3160, 14.1412,
-9.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	67718E
RGB	103, 113, 142
RGB Percent	40%, 44%, 56%
CMY	0.5961, 0.5569, 0.4431
CMYK	0.27, 0.20, 0.00, 0.44
HSL	225°, 16%, 48%
HSV	225°, 27%, 56%
XYZ	16.3811, 16.6468, 27.9410
YIQ	113.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

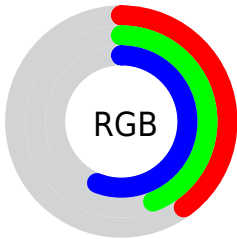
Format	Color
R_{YB}	103, 111, 142
Decimal	6779278
CIE _{Lab}	47.81, 3.20, -17.07
CIE _{LCh}	48, 17.371, 280.618
Yxy	16.6468, 0.2687, 0.2730
Android (android.graphics.Color)	4284969358 (0xFF67718E)
YUV	113.3160, 14.1412, -9.0471
Hunter-Lab	40.8005, 0.2657, -12.0426

Details

The YUV color **113.3160, 14.1412, -9.0471** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **131.6840, -14.1412, 9.0471**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5440, 15.0148, -9.2471**, and **65.0880, 13.2676, -8.8472** is the 20% darker color. If you saturate the color by 10%, you get **102.6730, 19.3882, -11.9912**, and if you desaturate by 10%, it is **123.9590, 8.8942, -6.1030**.

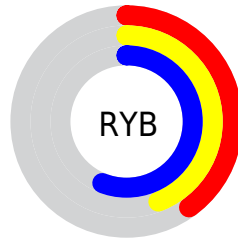
Distribution



Red (40%)

Green (44%)

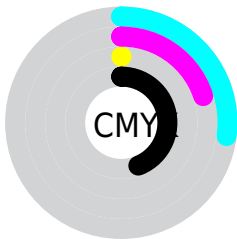
Blue (56%)



Red (40%)

Yellow (44%)

Blue (56%)

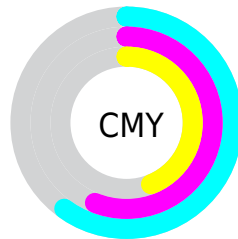


Cyan (27%)

Magenta (20%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3160, 14.1412, -9.0471 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 113.3160, 14.1412, -9.0471 by changing the saturation by 10% instead.

■ 113.3160, 14.1412,
-9.0471

■ 113.3160, 14.1412,
-9.0471

■ 255.0000, 0.0000,
0.0000

■ 88.7890, 13.4150,
-9.4620

■ 165.5440, 15.0148,
-9.2471

■ 65.0880, 13.2676,
-8.8472

■ 192.6580, 15.4516,
-9.3471

■ 42.5610, 12.5414,
-9.2620

■ 220.6580, 15.4516,
-9.3471

■ 21.4360, 12.1101,
-10.9064

■ 245.8080, 4.5317,
-6.8476

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 113.3160, 14.1412,
-9.0471

■ 113.3160, 14.1412,
-9.0471

■ 102.6730, 19.3882,
-11.9912

■ 123.9590, 8.8942,
-6.1030

■ 92.6170, 24.3458,
-15.4501

■ 134.0150, 3.9366,
-2.6442

■ 81.6750, 29.7402,
-19.0090

■ 144.9570, -1.4578,
0.9147

■ 71.6190, 34.6978,
-22.4679

■ 155.0130, -6.4154,
4.3736

■ 60.9760, 39.9448,
-25.4120

■ 165.6560,
-11.6624, 7.3177

■ 50.9200, 44.9024,
-28.8708

■ 175.7120,
-16.6200, 10.7766

■ 40.2770, 50.1494,
-31.8149


■ 186.3550,
-21.8670, 13.7207

■ 37.3200, 51.6072,

■ 196.7100,

-32.7296

-26.9720, 17.7943

 207.3530,
-32.2190, 20.7384

Harmonies

Analogous

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



110.4560, 15.0582, -23.2019



113.3160, 14.1412, -9.0471



115.3780, 10.1666, 5.8075

Triad

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



113.3160, 14.1412, -9.0471



114.9230, -9.8220, 23.7465



108.4830, -2.7031, -19.7176

Complementary

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



113.3160, 14.1412, -9.0471



131.6840, -14.1412, 9.0471

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.



110.4370, -9.5824, -6.5222



113.3160, 14.1412, -9.0471



113.5540, -13.5841, 17.0541

Square

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



113.3160, 14.1412, -9.0471



115.6440, -3.2755, 23.9912



112.1890, -13.4042, 5.9732



107.1920, 5.3283, -29.1094

Rectangle

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



113.3160, 14.1412, -9.0471



115.9940, 5.9190, 14.9143



112.1890, -13.4042, 5.9732



108.9350, -4.8980, -15.7290

Sweetspot

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



113.3160, 14.1412, -9.0471



173.0580, 5.3944, -3.5589



129.1990, 1.3809, -22.9765



85.2000, 3.3524, -1.9294



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



113.3160, 14.1412, -9.0471



139.3460, 22.0144, -14.3354



110.1370, 15.7085, 1.6339



65.9720, 2.4788, -1.7294



35.9350, 48.8390, -31.5150



2.0860, 2.9156, -1.8294

Inverse Universe

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



115.8010, -1.3809, 22.9765



143.0630, -2.0031, 35.9017



134.8630, -15.7085, -1.6339



66.3210, -0.1583, 4.1035



44.3550, -4.6120, 79.4957



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 113.3160, 14.1412, -9.0471 looks on a white background.

Color Contrast Check

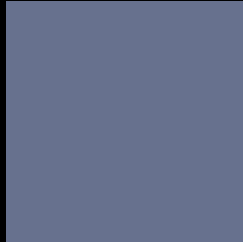
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.3160, 14.1412, -9.0471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

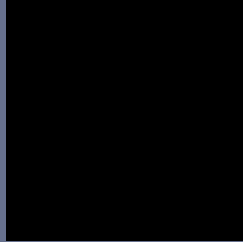
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

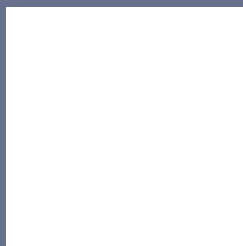
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.3160, 14.1412, -9.0471

Background



This preview shows how black text looks on a background with the YUV color 113.3160, 14.1412, -9.0471.



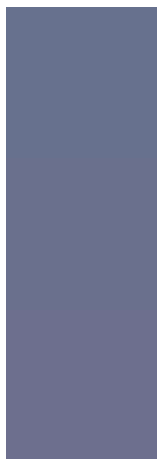
This preview shows how white text looks on a background with the YUV color 113.3160, 14.1412, -9.0471.

-9.0471.

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

113.3160, 14.1412, -9.0471

Protanopia

113.5120, 13.5516, -6.5880

Deuteranopia

113.9360, 13.8356, -4.3289



Tritanopia

112.2420, 6.2897, -10.7362

Trichromacy



Original Color

113.3160, 14.1412, -9.0471

Protanomaly

113.2130, 13.6990, -7.2028

Deuteranomaly

113.9250, 13.8410, -6.0732

Tritanomaly

112.6380, 9.0525, -10.2065

Monochromacy



Original Color

113.3160, 14.1412, -9.0471

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0580, 5.3944, -3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3160, 14.1412, -9.0471 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(103, 113, 142)` looks like.

```
.text, #text, p{  
    color:rgb(103, 113, 142)  
}
```

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(103, 113, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 113, 142) }
```

Border

The CSS property to change the border of an element to YUV 113.3160, 14.1412, -9.0471 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(103, 113, 142) }
```


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

```
.border{ border-color:rgb(103, 113, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 113, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 113, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 113, 142);  
box-shadow:4px 4px 4px 4px rgb(103, 113,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 113.3160, 14.1412, -9.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 113, 142) }
```

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

```
.background{ background-color: rgb(103,  
113, 142) }
```

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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