

Converting Colors

YUV(114.0780, 15.2445,
10.4556)

Have a look what the booklet for
YUV(114.0780, 15.2445, 10.4556)
contains.

YUV(114.0780, 15.2445, 10.4556)	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(114.0780, 15.2445,
10.4556)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6691
RGB	126, 102, 145
RGB Percent	49%, 40%, 57%
CMY	0.5059, 0.6000, 0.4314
CMYK	0.13, 0.30, 0.00, 0.43
HSL	273°, 17%, 48%
HSV	273°, 30%, 57%
XYZ	18.4664, 15.9827, 28.8997
YIQ	114.0780, 0.5010, 18.4610

Conversions

Conversions Part 2

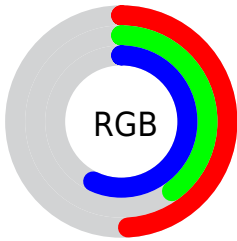
Format	Color
R_{YB}	126, 102, 145
Decimal	8283793
CIE _{Lab}	46.95, 18.25, -19.99
CIE _{LCh}	47, 27.068, 312.385
Yxy	15.9827, 0.2915, 0.2523
Android (android.graphics.Color)	4286473873 (0xFF7E6691)
YUV	114.0780, 15.2445, 10.4556
Hunter-Lab	39.9784, 12.4887, -14.8750

Details

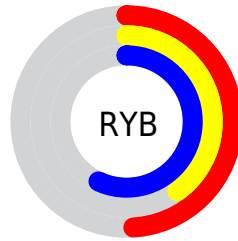
The YUV color **114.0780, 15.2445, 10.4556** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.9220, -15.2445, -10.4556**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0180, 16.2601, 11.3852**, and **65.7250, 13.9396, 9.0112** is the 20% darker color. If you saturate the color by 10%, you get **104.0660, 20.1805, 13.9741**, and if you desaturate by 10%, it is **124.6770, 10.0192, 6.4223**.

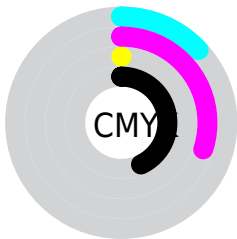
Distribution



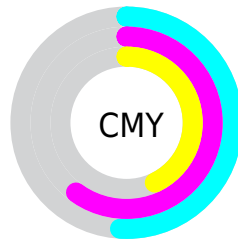
- Red (49%)
- Green (40%)
- Blue (57%)



- Red (49%)
- Yellow (40%)
- Blue (57%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (43%)





- Cyan (51%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.0780, 15.2445, 10.4556 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 114.0780, 15.2445, 10.4556 by changing the saturation by 10% instead.


 114.0780, 15.2445,
10.4556


 114.0780, 15.2445,
10.4556


255.0000, 0.0000,
0.0000


 89.5510, 14.5184,
10.0408


 166.0180, 16.2601,
11.3852

 65.7250, 13.9396,
9.0112


 193.4310, 16.5495,
11.9000

 43.3120, 13.6502,
8.4964

 221.4310, 16.5495,
11.9000

 21.7850, 12.9240,
8.0816

 243.8470, 5.4984,
9.7812

 3.0780, 11.7935,
-2.6994

 0.0000, 0.0000,
0.0000

■ 114.0780, 15.2445,
10.4556

■ 114.0780, 15.2445,
10.4556

■ 104.0660, 20.1805,
13.9741

■ 124.6770, 10.0192,
6.4223

■ 93.1680, 25.5532,
17.3927

■ 134.9880, 4.9359,
3.5185

■ 83.1560, 30.4891,
20.9112

■ 145.5870, -0.2894,
-0.5148

■ 72.2580, 35.8618,
24.3297

■ 155.8980, -5.3727,
-3.4185

■ 62.2460, 40.7977,
27.8483

■ 166.4970,
-10.5980, -7.4519

■ 51.6470, 46.0230,
31.8816

■ 176.5090,
-15.5339, -10.9704

■ 41.3360, 51.1064,
34.7853


■ 186.8200,
-20.6173, -13.8741

■ 40.7490, 51.3957,

■ 197.4190,

35.3001

-25.8426, -17.9075

 208.3170,
-31.2153, -21.3260

Harmonies

Analogous

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



110.4600, 22.4512, -14.4354



114.0780, 15.2445, 10.4556



114.0820, 5.8756, 28.8691

Triad

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



114.0780, 15.2445, 10.4556



110.6490, -21.0260, 23.9868



96.0360, 11.8143, -56.1596

Complementary

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



114.0780, 15.2445, 10.4556



132.9220, -15.2445, -10.4556

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.



102.3950, -2.6597, -33.6724



114.0780, 15.2445, 10.4556



108.8380, -21.1191, 7.1581

Square

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



114.0780, 15.2445, 10.4556



112.3220, -14.9487, 34.7976



106.1390, -14.3655, -12.3999



93.9670, 23.1873, -63.9921

Rectangle

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



114.0780, 15.2445, 10.4556



113.7640, -1.8557, 35.2870



106.1390, -14.3655, -12.3999



98.4130, 6.6984, -48.5972

Sweetspot

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



114.0780, 15.2445, 10.4556



176.6290, 6.0989, 3.8334



118.0550, 13.2839, -14.0802



86.9340, 3.4835, 2.6889



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



114.0780, 15.2445, 10.4556



140.1140, 24.1008, 16.5630



119.5310, 11.5702, 22.3363



65.9940, 2.4680, 1.7593



37.8150, 47.9122, 32.6112



2.1080, 2.9048, 1.6593

Inverse Universe

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



117.0230, 1.9607, 24.5358



144.7520, 3.0803, 38.8055



127.4690, -11.5702, -22.3363



66.4350, 0.2785, 4.0035



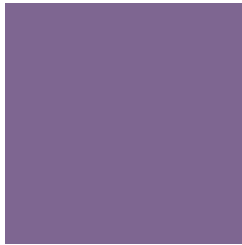
47.2050, 6.3079, 76.9962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 114.0780, 15.2445, 10.4556 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 114.0780, 15.2445, 10.4556 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 114.0780, 15.2445, 10.4556

Background



This preview shows how black text looks on a background with the YUV color 114.0780, 15.2445, 10.4556.



This preview shows how white text looks on a background with the YUV color 114.0780, 15.2445,

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

114.0780, 15.2445, 10.4556

Protanopia

111.6840, 19.3828, -10.2469

Deuteranopia

111.7940, 15.8776, -5.9583



Tritanopia

112.7990, 1.5781, 7.1923

Trichromacy



Original Color

114.0780, 15.2445, 10.4556

Protanomaly

112.3860, 18.0507, -2.9695

Deuteranomaly

112.4250, 15.5665, 0.5043

Tritanomaly

113.4770, 6.6668, 8.3517

Monochromacy



Original Color

114.0780, 15.2445, 10.4556

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1020, 5.3727, 3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0780, 15.2445, 10.4556 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(126, 102, 145)` looks like.

```
.text, #text, p{  
    color:rgb(126, 102, 145)  
}
```

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(126, 102, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 102, 145) }
```

Border

The CSS property to change the border of an element to YUV 114.0780, 15.2445, 10.4556 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(126, 102, 145) }
```


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

```
.border{ border-color:rgb(126, 102, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 102, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 102, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 102, 145);  
box-shadow:4px 4px 4px 4px rgb(126, 102,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 114.0780, 15.2445, 10.4556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 102, 145) }
```

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

```
.background{ background-color: rgb(126,  
102, 145) }
```

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