

Converting Colors

YUV(107.7360, 13.9342,
10.7555)

Have a look what the booklet for
YUV(107.7360, 13.9342, 10.7555)
contains.

YUV(107.7360, 13.9342, 10.7555)	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(107.7360, 13.9342,
10.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	786088
RGB	120, 96, 136
RGB Percent	47%, 38%, 53%
CMY	0.5294, 0.6235, 0.4667
CMYK	0.12, 0.29, 0.00, 0.47
HSL	276°, 17%, 45%
HSV	276°, 29%, 53%
XYZ	16.3725, 14.1364, 25.1582
YIQ	107.7360, 1.4640, 17.5280

Conversions

Conversions Part 2

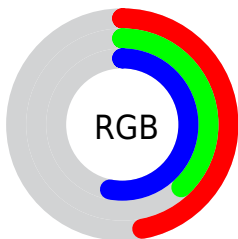
Format	Color
R_{YB}	120, 96, 136
Decimal	7889032
CIE _{Lab}	44.43, 17.74, -18.54
CIE _{LCh}	44, 25.659, 313.734
Yxy	14.1364, 0.2941, 0.2539
Android (android.graphics.Color)	4286079112 (0xFF786088)
YUV	107.7360, 13.9342, 10.7555
Hunter-Lab	37.5984, 11.9322, -13.3539

Details

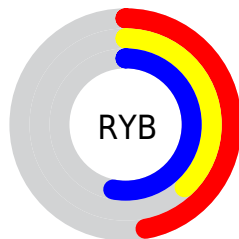
The YUV color **107.7360, 13.9342, 10.7555** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **124.2640, -13.9342, -10.7555**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5620, 14.5129, 11.7851**, and **59.7960, 12.9186, 9.8259** is the 20% darker color. If you saturate the color by 10%, you get **98.0230, 18.7227, 14.8888**, and if you desaturate by 10%, it is **117.4490, 9.1456, 6.6222**.

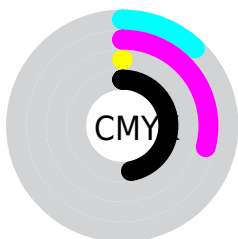
Distribution



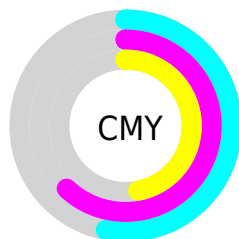
- Red (47%)
- Green (38%)
- Blue (53%)



- Red (47%)
- Yellow (38%)
- Blue (53%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7360, 13.9342, 10.7555 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 107.7360, 13.9342, 10.7555 by changing the saturation by 10% instead.

■ 107.7360, 13.9342,
10.7555

■ 107.7360, 13.9342,
10.7555

■ 255.0000, 0.0000,
0.0000

■ 83.3230, 13.6448,
10.2407

■ 159.5620, 14.5129,
11.7851

■ 59.7960, 12.9186,
9.8259

■ 186.0890, 15.2391,
12.1999

■ 37.9700, 12.3398,
8.7963

■ 214.2030, 15.6759,
12.1000

■ 15.0950, 12.7712,
10.4407

■ 239.7380, 7.5242,
13.3848

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

107.7360, 13.9342,
10.7555

107.7360, 13.9342,
10.7555

98.0230, 18.7227,
14.8888

117.4490, 9.1456,
6.6222

88.5980, 23.3692,
17.8926

126.8740, 4.4991,
3.6185

78.8850, 28.1577,
22.0259

136.5870, -0.2894,
-0.5148

69.4600, 32.8042,
25.0296

146.0120, -4.9359,
-3.5185

59.7470, 37.5927,
29.1629

155.7250, -9.7244,
-7.6518

49.7350, 42.5286,
32.6814

165.7370,
-14.6603, -11.1703

40.6090, 47.0278,
36.2999


174.8630,
-19.1595, -14.7889

40.0220, 47.3172,

184.8750,

36.8147

-24.0954, -18.3074

 194.0010,
-28.5945, -21.9259

Harmonies

Analogous

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



104.6020, 20.4092, -12.8060



107.7360, 13.9342, 10.7555



107.8430, 5.0074, 27.3247

Triad

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



107.7360, 13.9342, 10.7555



104.5670, -19.9995, 21.4277



90.9440, 11.3666, -52.5709

Complementary

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



107.7360, 13.9342, 10.7555



124.2640, -13.9342, -10.7555

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.



96.2210, -2.0810, -32.6428



107.7360, 13.9342, 10.7555



102.8810, -19.6613, 6.2434

Square

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



107.7360, 13.9342, 10.7555



106.1260, -14.3591, 32.3385



99.8940, -12.7657, -12.1850



89.6580, 21.8606, -58.4591

Rectangle

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



107.7360, 13.9342, 10.7555



107.6390, -2.2870, 33.6426



99.8940, -12.7657, -12.1850



92.8370, 6.9824, -46.3380

Sweetspot

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



107.7360, 13.9342, 10.7555



164.8140, 5.5147, 4.5481



109.9520, 12.8417, -12.2359



81.9340, 3.4835, 2.6889



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



107.7360, 13.9342, 10.7555



132.1310, 21.6274, 16.5481



112.0640, 9.8284, 20.9919



63.9940, 2.4680, 1.7593



39.0820, 46.3016, 35.8851



1.4670, 1.7418, 1.3444

Inverse Universe

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



109.7840, 1.0925, 22.9914



135.3880, 1.7807, 35.6167



119.9360, -9.8284, -20.9919



64.4350, 0.2785, 4.0035



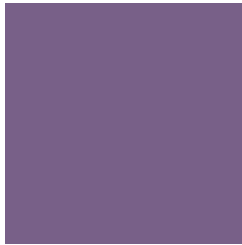
45.8090, 3.5452, 76.4665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 107.7360, 13.9342, 10.7555 looks on a white background.

Color Contrast Check

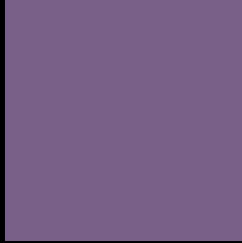
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.7360, 13.9342, 10.7555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

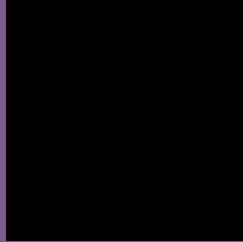
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.7360, 13.9342, 10.7555

Background



This preview shows how black text looks on a background with the YUV color 107.7360, 13.9342, 10.7555.



This preview shows how white text looks on a background with the YUV color 107.7360, 13.9342, 10.7555.

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

107.7360, 13.9342, 10.7555

Protanopia

105.3420, 18.0724, -9.9469

Deuteranopia

105.7510, 14.4198, -5.0436



Tritanopia

106.3970, 1.2833, 8.4218

Trichromacy



Original Color

107.7360, 13.9342, 10.7555

Protanomaly

106.0440, 16.7403, -2.6696

Deuteranomaly

106.0830, 14.2561, 0.8042

Tritanomaly

106.6620, 6.0826, 9.0664

Monochromacy



Original Color

107.7360, 13.9342, 10.7555

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7360, 13.9342, 10.7555 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(120, 96, 136)` looks like.

```
.text, #text, p{  
    color:rgb(120, 96, 136)  
}
```

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(120, 96, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 96, 136) }
```

Border

The CSS property to change the border of an element to YUV 107.7360, 13.9342, 10.7555 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(120, 96, 136) }
```


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

```
.border{ border-color:rgb(120, 96, 136) }
```

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

Here you see how a box with a 4 pixel rgb(120, 96, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 96, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 96, 136);  
box-shadow:4px 4px 4px 4px rgb(120, 96,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 107.7360, 13.9342, 10.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 96, 136) }
```

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

```
.background{ background-color: rgb(120, 96,  
136) }
```

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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