

Converting Colors

YUV(90.9790, 5.4334, 30.7134)

Have a look what the booklet for
YUV(90.9790, 5.4334, 30.7134)
contains.

YUV(90.9790, 5.4334, 30.7134)	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(90.9790, 5.4334,
30.7134)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4766
RGB	126, 71, 102
RGB Percent	49%, 28%, 40%
CMY	0.5059, 0.7216, 0.6000
CMYK	0.00, 0.44, 0.19, 0.51
HSL	326°, 28%, 39%
HSV	326°, 44%, 49%
XYZ	13.2557, 9.9014, 13.7829
YIQ	90.9790, 22.8290, 21.3010

Conversions

Conversions Part 2

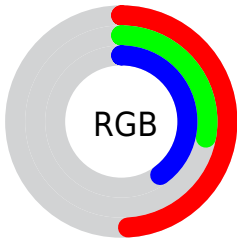
Format	Color
R_{YB}	126, 71, 102
Decimal	8275814
CIE _{Lab}	37.66, 27.98, -7.90
CIE _{LCh}	38, 29.072, 344.242
Yxy	9.9014, 0.3588, 0.2680
Android (android.graphics.Color)	4286465894 (0xFF7E4766)
YUV	90.9790, 5.4334, 30.7134
Hunter-Lab	31.4665, 20.1292, -3.9435

Details

The YUV color **90.9790, 5.4334, 30.7134** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **106.0210, -5.4334, -30.7134**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2890, 5.2805, 33.0725**, and **42.7830, 6.0230, 28.2543** is the 20% darker color. If you saturate the color by 10%, you get **82.7780, 7.0114, 37.9057**, and if you desaturate by 10%, it is **99.1800, 3.8553, 23.5211**.

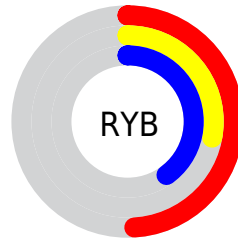
Distribution



Red (49%)

Green (28%)

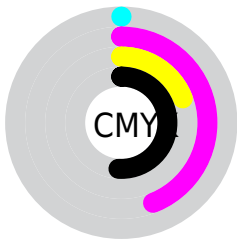
Blue (40%)



Red (49%)

Yellow (28%)

Blue (40%)

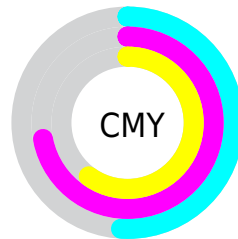


Cyan (0%)

Magenta (44%)

Yellow (19%)

Black (51%)



Cyan (51%)

Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9790, 5.4334, 30.7134 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 90.9790, 5.4334, 30.7134 by changing the saturation by 10% instead.

90.9790, 5.4334,
30.7134

90.9790, 5.4334,
30.7134

255.0000, 0.0000,
0.0000

66.3810, 5.7282,
29.4839

142.2890, 5.2805,
33.0725

42.7830, 6.0230,
28.2543

169.0010, 5.4225,
34.2021

19.7120, 7.0440,
27.4396

196.5990, 5.1277,
35.4317

10.1100, -0.0542,
17.4435

221.1360, 7.3280,
29.6987

0.0000, 0.0000,
0.0000

240.3250, 7.2348,
12.8700

■ 90.9790, 5.4334,
30.7134

■ 90.9790, 5.4334,
30.7134

■ 82.7780, 7.0114,
37.9057

■ 99.1800, 3.8553,
23.5211

■ 75.0500, 7.8634,
44.6832

■ 106.9080, 3.0034,
16.7437

■ 66.8490, 9.4414,
51.8754

■ 115.1090, 1.4253,
9.5514

■ 59.1210, 10.2933,
58.6529

■ 122.8370, 0.5734,
2.7740

■ 50.9200, 11.8714,
65.8452

■ 131.0380, -1.0047,
-4.4183

■ 45.7680, 12.4394,
70.3635

■ 139.3530, -2.1460,
-11.7106

■ 146.9670, -3.4347,
-18.3881

■ 155.2820, -4.5760,

-25.6803

■ 162.8960, -5.8647,
-32.3578

Harmonies

Analogous

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



91.0890, 15.2391, 12.1999



90.9790, 5.4334, 30.7134



89.7490, -5.7923, 37.9311

Triad

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



90.9790, 5.4334, 30.7134



85.7130, -21.5505, 5.5137



71.9070, 24.2028, -63.0624

Complementary

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



90.9790, 5.4334, 30.7134



106.0210, -5.4334, -30.7134

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.



70.5730, 14.0145, -61.8925



90.9790, 5.4334, 30.7134



82.8290, -14.2127, -14.7590

Square

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



90.9790, 5.4334, 30.7134



87.7090, -22.0415, 23.0572



76.5190, -0.7489, -39.9202



74.5150, 28.8331, -54.8257

Rectangle

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



90.9790, 5.4334, 30.7134



88.6150, -12.6282, 37.1716



76.5190, -0.7489, -39.9202



71.6960, 20.8559, -62.8774

Sweetspot

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



90.9790, 5.4334, 30.7134



149.6470, 2.1460, 11.7106



84.4460, 20.4861, 9.2559



73.6850, 1.1413, 7.2923



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



90.9790, 5.4334, 30.7134



108.8870, 8.4367, 47.4571



87.9010, -6.3602, 33.4128



59.5490, 0.7153, 3.9035



46.4800, 12.5814, 71.4930



0.0000, 0.0000, 0.0000

Inverse Universe

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



90.9790, 5.4334, 30.7134



108.8870, 8.4367, 47.4571



109.0990, 6.3602, -33.4128



59.5490, 0.7153, 3.9035



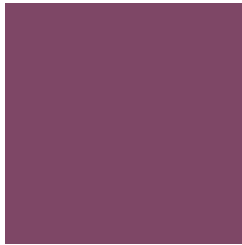
46.4800, 12.5814, 71.4930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 90.9790, 5.4334, 30.7134 looks on a white background.

Color Contrast Check

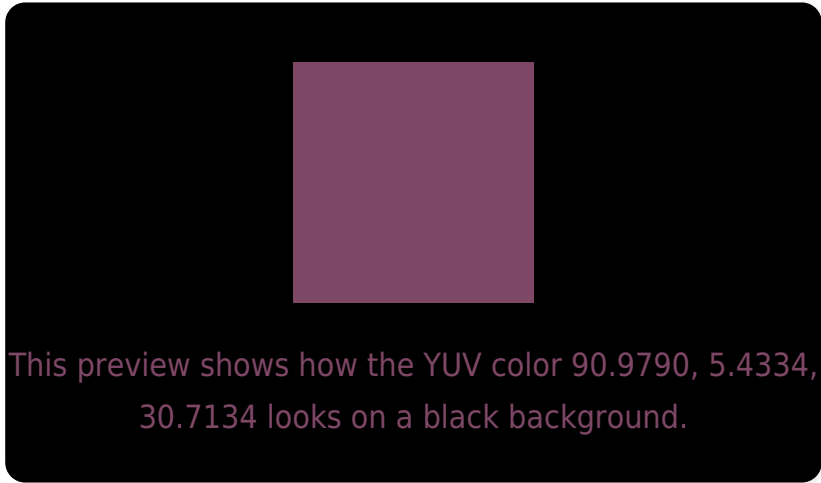
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

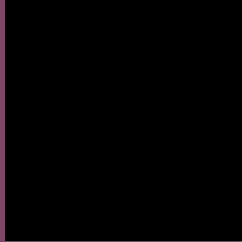
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9790, 5.4334, 30.7134

Background



This preview shows how black text looks on a background with the YUV color 90.9790, 5.4334, 30.7134.



This preview shows how white text looks on a background with the YUV color 90.9790, 5.4334, 30.7134.

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

90.9790, 5.4334, 30.7134

Protanopia

89.4690, 12.0938, -5.6733

Deuteranopia

90.1620, 4.3571, 2.4889



Tritanopia

90.3350, -4.6022, 29.5242

Trichromacy



Original Color

90.9790, 5.4334, 30.7134

Protanomaly

90.2750, 9.7244, 7.6518

Deuteranomaly

90.3420, 4.7614, 12.8551

Tritanomaly

90.9590, -0.9658, 29.8540

Monochromacy



Original Color

90.9790, 5.4334, 30.7134

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2340, 1.8566, 11.1958

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9790, 5.4334, 30.7134 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, 71, 102)` looks like.

```
.text, #text, p{  
    color:rgb(126, 71, 102)  
}
```

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, 71, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 71, 102) }
```

Border

The CSS property to change the border of an element to YUV 90.9790, 5.4334, 30.7134 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, 71, 102) }
```


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

```
.border{ border-color:rgb(126, 71, 102) }
```

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

Here you see how a box with a 4 pixel rgb(126, 71, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 71, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 71, 102);  
box-shadow:4px 4px 4px 4px rgb(126, 71,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 90.9790, 5.4334, 30.7134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 71, 102) }
```

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

```
.background{ background-color: rgb(126, 71,  
102) }
```

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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