

Converting Colors

YUV(98.7450, 0.1257, 6.3626)

Have a look what the booklet for
YUV(98.7450, 0.1257, 6.3626)
contains.

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Color

**YUV(98.7450, 0.1257,
6.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5F63
RGB	106, 95, 99
RGB Percent	42%, 37%, 39%
CMY	0.5843, 0.6275, 0.6118
CMYK	0.00, 0.10, 0.07, 0.58
HSL	338°, 5%, 39%
HSV	338°, 10%, 42%
XYZ	12.2882, 12.1494, 13.5018
YIQ	98.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

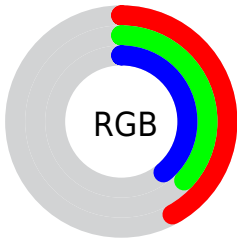
Format	Color
R_{YB}	106, 95, 99
Decimal	6971235
CIE Lab	41.45, 5.18, -0.68
CIE LCh	41, 5.228, 352.559
Yxy	12.1494, 0.3239, 0.3202
Android (android.graphics.Color)	4285161315 (0xFF6A5F63)
YUV	98.7450, 0.1257, 6.3626
Hunter-Lab	34.8560, 1.9305, 1.4327

Details

The YUV color **98.7450, 0.1257, 6.3626** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.2550, -0.1257, -6.3626**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1580, 0.4151, 6.8774**, and **52.4460, 0.2731, 5.7479** is the 20% darker color. If you saturate the color by 10%, you get **91.4900, 0.2514, 12.7253**, and if you desaturate by 10%, it is **106.0000, 0.0000, 0.0000**.

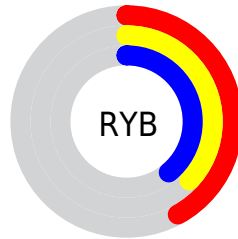
Distribution



 Red (42%)

 Green (37%)

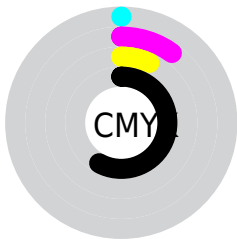
 Blue (39%)



 Red (42%)

 Yellow (37%)

 Blue (39%)

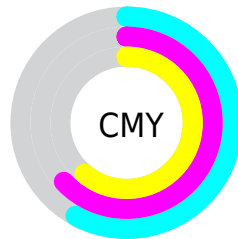


 Cyan (0%)

 Magenta (10%)

 Yellow (7%)

 Black (58%)



 Cyan (58%)

 Magenta (63%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.7450, 0.1257, 6.3626 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 98.7450, 0.1257, 6.3626 by changing the saturation by 10% instead.

■ 98.7450, 0.1257,
6.3626

■ 98.7450, 0.1257,
6.3626

255.0000, 0.0000,
0.0000

■ 74.7450, 0.1257,
6.3626

■ 149.1580, 0.4151,
6.8774

■ 52.4460, 0.2731,
5.7479

■ 176.0440, -0.0217,
6.9774

■ 31.0330, -0.0163,
5.2331

■ 203.4570, 0.2677,
7.4922

■ 6.4680, 0.2623,
9.2366

■ 231.4570, 0.2677,
7.4922

■ 0.0000, 0.0000,
0.0000

■ 98.7450, 0.1257,

■ 98.7450, 0.1257,

6.3626

■ 91.4900, 0.2514,
12.7253

■ 84.9360, 0.5246,
18.4731

■ 77.6810, 0.6503,
24.8358

■ 71.0130, 0.4866,
30.6836

■ 63.7580, 0.6123,
37.0462

■ 56.6170, 1.1748,
43.3089

■ 49.9490, 1.0111,
49.1567

■ 42.6940, 1.1369,
55.5194

6.3626

■ 106.0000, 0.0000,
0.0000

■ 112.5540, -0.2731,
-5.7479

■ 119.8090, -0.3988,
-12.1105

■ 126.4770, -0.2352,
-17.9583

■ 133.7320, -0.3609,
-24.3210

■ 140.8730, -0.9234,
-30.5836

■ 147.5410, -0.7597,
-36.4315

■ 154.7960, -0.8854,
-42.7941

■ 36.1400, 1.4100,
61.2672

■ 161.4640, -0.7218,
-48.6419

Harmonies

Analogous

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



98.5920, 2.1731, 2.9888



98.7450, 0.1257, 6.3626



98.5880, -1.7689, 7.3773

Triad

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



98.7450, 0.1257, 6.3626



97.0880, -3.4944, 0.7998



96.8680, 3.5161, -7.7772

Complementary

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



98.7450, 0.1257, 6.3626



102.2550, -0.1257, -6.3626

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.



96.2270, 2.3531, -8.0921



98.7450, 0.1257, 6.3626



96.9950, -2.4625, -3.5036

Square

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



98.7450, 0.1257, 6.3626



97.8820, -4.3788, 4.4885



96.2550, -0.1257, -6.3626



97.1180, 4.3788, -4.4885

Rectangle

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



98.7450, 0.1257, 6.3626



98.2460, -3.0793, 7.6773



96.2550, -0.1257, -6.3626



96.7540, 3.0793, -7.6773

Sweetspot

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



98.7450, 0.1257, 6.3626



135.3100, -0.1528, 2.3591



98.3470, 3.7729, 3.2037



67.0110, -0.0054, 1.7444



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



98.7450, 0.1257, 6.3626



126.7670, 0.1149, 9.8513



98.8760, -1.9109, 6.2477



50.0220, -0.0108, 3.4887



39.8850, 1.5357, 67.6299



83.4010, 2.7603, 141.7223

Inverse Universe

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



98.7450, 0.1257, 6.3626



126.7670, 0.1149, 9.8513



102.1240, 1.9109, -6.2477



50.0220, -0.0108, 3.4887



39.8850, 1.5357, 67.6299



83.4010, 2.7603, 141.7223

Previews

White Background



This preview shows how the YUV color 98.7450, 0.1257, 6.3626 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 98.7450, 0.1257, 6.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

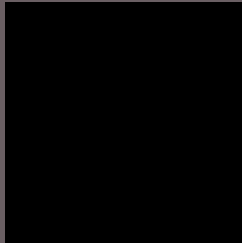
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.7450, 0.1257, 6.3626

Background



This preview shows how black text looks on a background with the YUV color 98.7450, 0.1257, 6.3626.



This preview shows how white text looks on a background with the YUV color 98.7450, 0.1257,

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

98.7450, 0.1257, 6.3626

Protanopia

97.9400, 1.0156, 0.9296

Deuteranopia

99.0440, -0.0217, 6.9774



Tritanopia

99.0870, 1.4361, 6.0627

Trichromacy



Original Color

98.7450, 0.1257, 6.3626

Protanomaly

98.2500, 0.8628, 3.2887

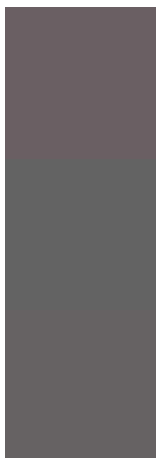
Deuteranomaly

99.0440, -0.0217, 6.9774

Tritanomaly

98.9730, 0.9993, 6.1627

Monochromacy



Original Color

98.7450, 0.1257, 6.3626

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7450, 0.1257, 6.3626 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(106, 95, 99)` looks like.

```
.text, #text, p{  
    color:rgb(106, 95, 99)  
}
```

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(106, 95, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 95, 99) }
```

Border

The CSS property to change the border of an element to YUV 98.7450, 0.1257, 6.3626 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(106, 95, 99) }
```


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

```
.border{ border-color:rgb(106, 95, 99) }
```

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

Here you see how a box with a 4 pixel rgb(106, 95, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 95, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 95, 99);  
box-shadow:4px 4px 4px 4px rgb(106, 95,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 98.7450, 0.1257, 6.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 95, 99) }
```

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

```
.background{ background-color: rgb(106, 95,  
99) }
```

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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