

Converting Colors

YUV(73.9730, 0.9993, 6.1627)

Have a look what the booklet for
YUV(73.9730, 0.9993, 6.1627)
contains.

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Color

**YUV(73.9730, 0.9993,
6.1627)**

Conversions

Conversions Part 1

Format	Color
Hex	51464C
RGB	81, 70, 76
RGB Percent	32%, 27%, 30%
CMY	0.6824, 0.7255, 0.7020
CMYK	0.00, 0.14, 0.06, 0.68
HSL	327°, 7%, 30%
HSV	327°, 14%, 32%
XYZ	6.8880, 6.6515, 7.7583
YIQ	73.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

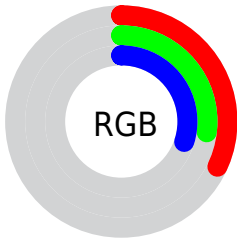
Format	Color
R_{YB}	81, 70, 76
Decimal	5326412
CIE Lab	31.00, 5.87, -1.88
CIE LCh	31, 6.167, 342.247
Yxy	6.6515, 0.3234, 0.3123
Android (android.graphics.Color)	4283516492 (0xFF51464C)
YUV	73.9730, 0.9993, 6.1627
Hunter-Lab	25.7904, 2.5399, 0.2176

Details

The YUV color **73.9730, 0.9993, 6.1627** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.0270, -0.9993, -6.1627**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.3860, 1.2887, 6.6775**, and **30.2610, 0.8573, 5.0331** is the 20% darker color. If you saturate the color by 10%, you get **68.8210, 1.5672, 10.6810**, and if you desaturate by 10%, it is **79.1250, 0.4314, 1.6444**.

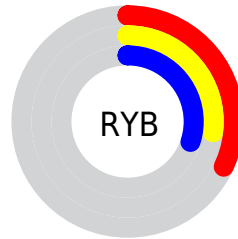
Distribution



Red (32%)

Green (27%)

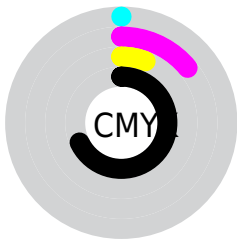
Blue (30%)



Red (32%)

Yellow (27%)

Blue (30%)

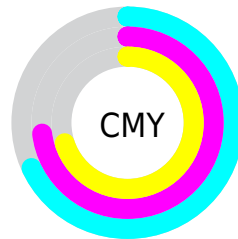


Cyan (0%)

Magenta (14%)

Yellow (6%)

Black (68%)



Cyan (68%)

Magenta (73%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.9730, 0.9993, 6.1627 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 73.9730, 0.9993, 6.1627 by changing the saturation by 10% instead.

■ 73.9730, 0.9993,
6.1627

■ 73.9730, 0.9993,
6.1627

255.0000, 0.0000,
0.0000

■ 51.5600, 0.7099,
5.6479

■ 122.3860, 1.2887,
6.6775

■ 30.2610, 0.8573,
5.0331

■ 148.3860, 1.2887,
6.6775

■ 5.6960, 1.1359,
9.0366

■ 174.6850, 1.1413,
7.2923

■ 0.0000, 0.0000,
0.0000

■ 202.6850, 1.1413,
7.2923

■ 230.6850, 1.1413,
7.2923

254.4130, 0.2894,

0.5148

■ 73.9730, 0.9993,
6.1627

■ 73.9730, 0.9993,
6.1627

■ 68.8210, 1.5672,
10.6810

■ 79.1250, 0.4314,
1.6444

■ 63.7830, 2.5720,
15.0993

■ 84.1630, -0.5734,
-2.7740

■ 58.6310, 3.1399,
19.6176

■ 89.3150, -1.1413,
-7.2923

■ 53.4790, 3.7079,
24.1359

■ 94.4670, -1.7092,
-11.8106

■ 48.4410, 4.7126,
28.5542

■ 100.0920, -3.0034,
-16.7437

■ 42.7020, 5.5699,
33.5873

■ 105.2440, -3.5713,
-21.2620

■ 37.5500, 6.1379,
38.1057

■ 110.3960, -4.1392,
-25.7803

■ 32.5120, 7.1426,
42.5240

■ 115.4340, -5.1440,
-30.1986

■ 29.2350, 7.2791,
45.3979

■ 120.5860, -5.7119,
-34.7169

Harmonies

Analogous

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



73.5210, 3.1941, 2.1741



73.9730, 0.9993, 6.1627



74.0010, -1.4795, 7.8921

Triad

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



73.9730, 0.9993, 6.1627



72.5720, -4.2260, 2.1294



71.2700, 3.8109, -9.0068

Complementary

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



73.9730, 0.9993, 6.1627



77.0270, -0.9993, -6.1627

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.



71.4010, 1.7743, -9.1217



73.9730, 0.9993, 6.1627



72.1800, -3.0467, -2.7889

Square

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



73.9730, 0.9993, 6.1627



73.4800, -4.6736, 5.7180



71.7280, -0.8519, -6.7775



72.2210, 4.8210, -6.3328

Rectangle

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



73.9730, 0.9993, 6.1627



73.6590, -2.7899, 8.1921



71.7280, -0.8519, -6.7775



71.7430, 3.0847, -9.4216

Sweetspot

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



73.9730, 0.9993, 6.1627



101.8370, 0.5734, 2.7740



72.7490, 4.0677, 1.9741



52.0110, -0.0054, 1.7444



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



73.9730, 0.9993, 6.1627



94.1090, 1.4253, 9.5514



73.4030, -1.1847, 6.6626



38.4240, 0.2840, 2.2592



37.8930, 9.4198, 58.8528



83.8460, 21.2749, 129.9311

Inverse Universe

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



73.9730, 0.9993, 6.1627



94.1090, 1.4253, 9.5514



77.5970, 1.1847, -6.6626



38.4240, 0.2840, 2.2592



37.8930, 9.4198, 58.8528



83.8460, 21.2749, 129.9311

Previews

White Background



This preview shows how the YUV color 73.9730, 0.9993, 6.1627 looks on a white background.

Color Contrast Check

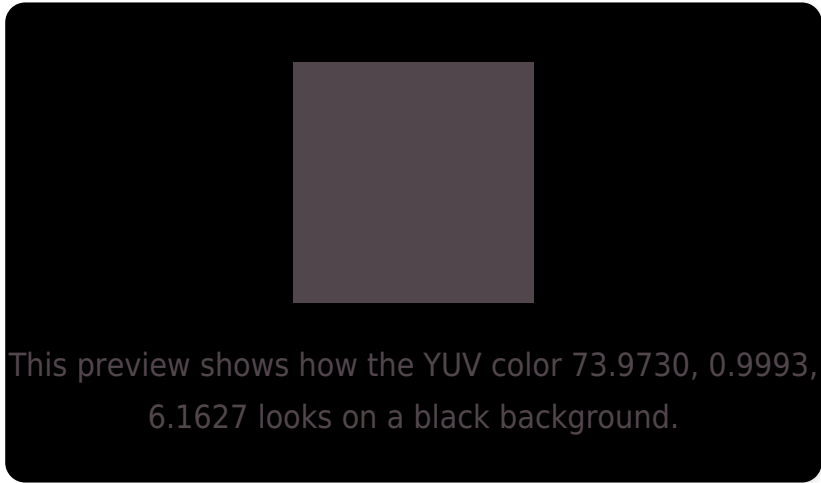
Large Text (above 18pt) WCAG AA ✓ Pass

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

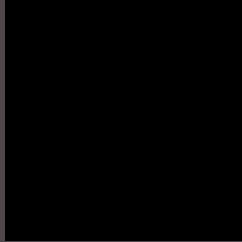
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.9730, 0.9993, 6.1627

Background



This preview shows how black text looks on a background with the YUV color 73.9730, 0.9993, 6.1627.



This preview shows how white text looks on a background with the YUV color 73.9730, 0.9993, 6.1627.

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

73.9730, 0.9993, 6.1627

Protanopia

73.5700, 2.1840, -0.4999

Deuteranopia

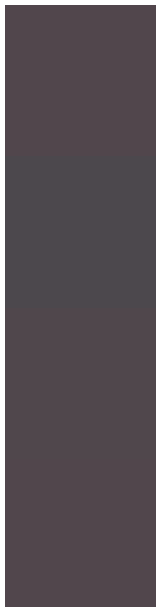
73.9620, 1.0047, 4.4183



Tritanopia

73.9730, 0.9993, 6.1627

Trichromacy



Original Color

73.9730, 0.9993, 6.1627

Protanomaly

73.7660, 1.5944, 1.9592

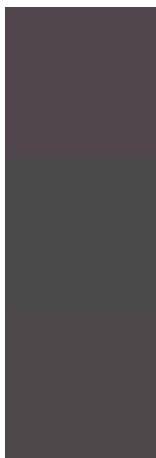
Deuteranomaly

74.2610, 0.8573, 5.0331

Tritanomaly

73.9730, 0.9993, 6.1627

Monochromacy



Original Color

73.9730, 0.9993, 6.1627

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.4240, 0.2840, 2.2592

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9730, 0.9993, 6.1627 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(81, 70, 76)` looks like.

```
.text, #text, p{  
    color:rgb(81, 70, 76)  
}
```

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(81, 70, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 70, 76) }
```

Border

The CSS property to change the border of an element to YUV 73.9730, 0.9993, 6.1627 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(81, 70, 76) }
```


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

```
.border{ border-color:rgb(81, 70, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 70, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 70, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 70, 76);  
box-shadow:4px 4px 4px 4px rgb(81, 70, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.9730, 0.9993, 6.1627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 70, 76) }
```

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

```
.background{ background-color: rgb(81, 70,  
76) }
```

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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