

Converting Colors

YUV(77.9730, 0.9993, 6.1627)

Have a look what the booklet for
YUV(77.9730, 0.9993, 6.1627)
contains.

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Color

**YUV(77.9730, 0.9993,
6.1627)**

Conversions

Conversions Part 1

Format	Color
Hex	554A50
RGB	85, 74, 80
RGB Percent	33%, 29%, 31%
CMY	0.6667, 0.7098, 0.6863
CMYK	0.00, 0.13, 0.06, 0.67
HSL	327°, 7%, 31%
HSV	327°, 13%, 33%
XYZ	7.6431, 7.4080, 8.6165
YIQ	77.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

Format	Color
R_YB	85, 74, 80
Decimal	5589584
CIE Lab	32.72, 5.82, -1.87
CIE LCh	33, 6.114, 342.203
Yxy	7.4080, 0.3229, 0.3130
Android (android.graphics.Color)	4283779664 (0xFF554A50)
YUV	77.9730, 0.9993, 6.1627
Hunter-Lab	27.2177, 2.4939, 0.2826




Details

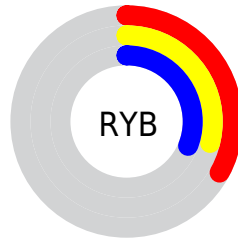
The YUV color **77.9730, 0.9993, 6.1627** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.0270, -0.9993, -6.1627**, and the grayscale version is **78.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **127.2720, 0.8519, 6.7775**, and **33.6740, 1.1467, 5.5479** is the 20% darker color. If you saturate the color by 10%, you get **72.8210, 1.5672, 10.6810**, and if you desaturate by 10%, it is **83.1250, 0.4314, 1.6444**.

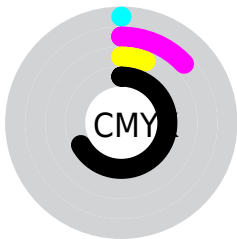
Distribution







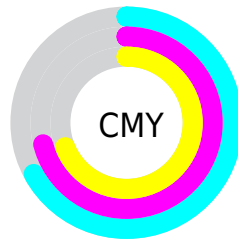
-  Red (33%)
-  Green (29%)
-  Blue (31%)






-  Red (33%)
-  Yellow (29%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (13%)
-  Yellow (6%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (71%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9730, 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 77.9730, 0.9993, 6.1627 by changing the saturation by 10% instead.

■ 77.9730, 0.9993,
6.1627

■ 77.9730, 0.9993,
6.1627

■ 255.0000, 0.0000,
0.0000

■ 54.9730, 0.9993,
6.1627

■ 127.2720, 0.8519,
6.7775

■ 33.6740, 1.1467,
5.5479

■ 152.6850, 1.1413,
7.2923

■ 11.0980, 1.4307,
7.8071

■ 179.6850, 1.1413,
7.2923

■ 0.0000, 0.0000,
0.0000

■ 207.0980, 1.4307,
7.8071

■ 235.6850, 1.1413,
7.2923

■ 77.9730, 0.9993,
6.1627

■ 77.9730, 0.9993,
6.1627

■ 72.8210, 1.5672,
10.6810

■ 83.1250, 0.4314,
1.6444

■ 67.0820, 2.4246,
15.7141

■ 88.8640, -0.4260,
-3.3887

■ 61.9300, 2.9925,
20.2324

■ 94.0160, -0.9939,
-7.9070

■ 56.3050, 4.2866,
25.1655

■ 99.6410, -2.2880,
-12.8402

■ 51.1530, 4.8546,
29.6838

■ 104.7930, -2.8559,
-17.3585

■ 45.4140, 5.7119,
34.7169

■ 110.5320, -3.7133,
-22.3916

■ 40.2620, 6.2798,
39.2352

■ 115.6840, -4.2812,
-26.9099

■ 34.5230, 7.1372,

■ 121.4230, -5.1385,

44.2683

-31.9430

■ 30.6590, 7.5631,
47.6571

■ 126.5750, -5.7065,
-36.4613

Harmonies

Analogous

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



77.5210, 3.1941, 2.1741



77.9730, 0.9993, 6.1627



78.0010, -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.



77.9730, 0.9993, 6.1627



76.5720, -4.2260, 2.1294



75.2700, 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.



77.9730, 0.9993, 6.1627



81.0270, -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.



75.4010, 1.7743, -9.1217



77.9730, 0.9993, 6.1627



76.1800, -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.



77.9730, 0.9993, 6.1627



77.4800, -4.6736, 5.7180



75.7280, -0.8519, -6.7775



76.2210, 4.8210, -6.3328

Rectangle

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



77.9730, 0.9993, 6.1627



77.6590, -2.7899, 8.1921



75.7280, -0.8519, -6.7775



75.7430, 3.0847, -9.4216

Sweetspot

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



77.9730, 0.9993, 6.1627



106.8370, 0.5734, 2.7740



76.7490, 4.0677, 1.9741



54.1250, 0.4314, 1.6444



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



77.9730, 0.9993, 6.1627



98.5220, 1.7147, 10.0662



77.4030, -1.1847, 6.6626



40.4240, 0.2840, 2.2592



38.6050, 9.5617, 59.9824



84.8570, 21.2695, 131.6754

Inverse Universe

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



77.9730, 0.9993, 6.1627



98.5220, 1.7147, 10.0662



81.5970, 1.1847, -6.6626



40.4240, 0.2840, 2.2592



38.6050, 9.5617, 59.9824



84.8570, 21.2695, 131.6754

Previews

White Background



This preview shows how the YUV color 77.9730, 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



This preview shows how the YUV color 77.9730, 0.9993, 6.1627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

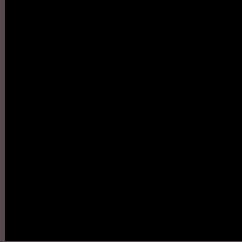
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9730, 0.9993, 6.1627

Background



This preview shows how black text looks on a background with the YUV color 77.9730, 0.9993, 6.1627.



This preview shows how white text looks on a background with the YUV color 77.9730, 0.9993,

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

77.9730, 0.9993, 6.1627

Protanopia

77.5700, 2.1840, -0.4999

Deuteranopia

77.9620, 1.0047, 4.4183



Tritanopia

77.9730, 0.9993, 6.1627

Trichromacy



Original Color

77.9730, 0.9993, 6.1627

Protanomaly

77.7660, 1.5944, 1.9592

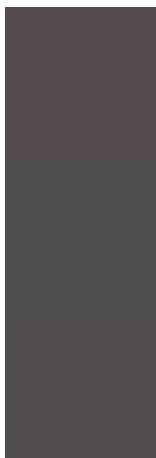
Deuteranomaly

78.2610, 0.8573, 5.0331

Tritanomaly

77.9730, 0.9993, 6.1627

Monochromacy



Original Color

77.9730, 0.9993, 6.1627

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.4240, 0.2840, 2.2592

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9730, 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(85, 74, 80)` looks like.

```
.text, #text, p{  
    color:rgb(85, 74, 80)  
}
```

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(85, 74, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 74, 80) }
```

Border

The CSS property to change the border of an element to YUV 77.9730, 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(85, 74, 80) }
```


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

```
.border{ border-color:rgb(85, 74, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 74, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 74, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 74, 80);  
box-shadow:4px 4px 4px 4px rgb(85, 74, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.9730, 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(85, 74, 80) }
```

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

```
.background{ background-color: rgb(85, 74,  
80) }
```

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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