

Converting Colors

YUV(78.3630, 22.9920, -1.1954)

Have a look what the booklet for
YUV(78.3630, 22.9920, -1.1954)
contains.

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Color

**YUV(78.3630, 22.9920,
-1.1954)**

Conversions

Conversions Part 1

Format	Color
Hex	4D467D
RGB	77, 70, 125
RGB Percent	30%, 27%, 49%
CMY	0.6980, 0.7255, 0.5098
CMYK	0.38, 0.44, 0.00, 0.51
HSL	248°, 28%, 38%
HSV	248°, 44%, 49%
XYZ	8.9524, 7.4388, 20.3660
YIQ	78.3630, -13.4830, 18.5890

Conversions

Conversions Part 2

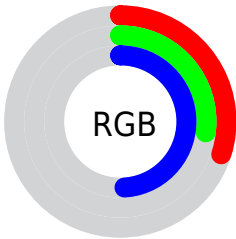
Format	Color
R_{YB}	77, 70, 125
Decimal	5064317
CIE _{Lab}	32.79, 17.21, -30.27
CIE _{LCh}	33, 34.817, 299.626
Yxy	7.4388, 0.2436, 0.2024
Android (android.graphics.Color)	4283254397 (0xFF4D467D)
YUV	78.3630, 22.9920, -1.1954
Hunter-Lab	27.2741, 10.8608, -25.1809

Details

The YUV color **78.3630, 22.9920, -1.1954** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **116.6370, -22.9920, 1.1954**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8300, 24.7338, 0.1491**, and **32.8850, 21.2557, -4.2841** is the 20% darker color. If you saturate the color by 10%, you get **68.0300, 28.0862, -1.7803**, and if you desaturate by 10%, it is **89.2830, 17.6085, -1.1252**.

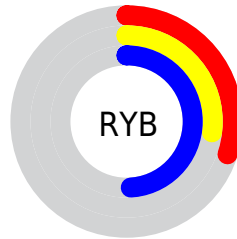
Distribution



Red (30%)

Green (27%)

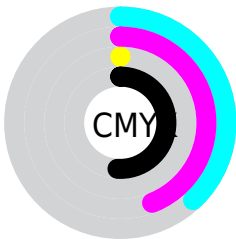
Blue (49%)



Red (30%)

Yellow (27%)

Blue (49%)

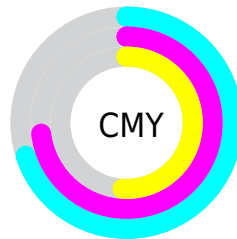


Cyan (38%)

Magenta (44%)

Yellow (0%)

Black (51%)



Cyan (70%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3630, 22.9920, -1.1954 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 78.3630, 22.9920, -1.1954 by changing the saturation by 10% instead.

■ 78.3630, 22.9920,
-1.1954

■ 78.3630, 22.9920,
-1.1954

■ 255.0000, 0.0000,
0.0000

■ 55.1240, 22.1239,
-2.7397

■ 127.8300, 24.7338,
0.1491

■ 32.8850, 21.2557,
-4.2841

■ 154.3570, 25.4600,
0.5639

■ 8.4230, 21.9765,
-2.1250

■ 181.4710, 25.8968,
0.4639

■ 4.7080, 12.9620,
-4.1289

■ 208.0860, 23.1286,
1.6786

■ 0.1140, 0.4368,
-0.1000

■ 233.1930, 10.7509,
5.0927

■ 0.0000, 0.0000,
0.0000

■ 78.3630, 22.9920,
-1.1954

■ 78.3630, 22.9920,
-1.1954

■ 68.0300, 28.0862,
-1.7803

■ 89.2830, 17.6085,
-1.1252

■ 57.1100, 33.4698,
-1.8505

■ 99.6160, 12.5143,
-0.5402

■ 46.7770, 38.5639,
-2.4354

■ 110.5360, 7.1308,
-0.4701

■ 35.8570, 43.9475,
-2.5056

■ 120.8690, 2.0366,
0.1149

■ 25.5240, 49.0417,
-3.0905

■ 131.7890, -3.3470,
0.1850

■ 19.0340, 52.2412,
-2.6608

■ 141.8230, -8.2937,
0.1552

■ 152.7430,
-13.6773, 0.2254

■ 163.0760,

-18.7715, 0.8103

 173.4090,
-23.8656, 1.3953

Harmonies

Analogous

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



62.0080, 34.5061, -54.3810



78.3630, 22.9920, -1.1954



79.4930, 12.5750, 26.7546

Triad

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



78.3630, 22.9920, -1.1954



75.2480, -22.8003, 33.1085



61.4940, 7.1515, -53.9302

Complementary

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



78.3630, 22.9920, -1.1954



116.6370, -22.9920, 1.1954

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.



64.6030, -8.1853, -34.7318



78.3630, 22.9920, -1.1954



74.1720, -27.6928, 15.6352

Square

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



78.3630, 22.9920, -1.1954



75.8870, -11.7763, 43.9491



71.1200, -22.2442, -5.3672



64.5720, 18.9450, -56.6296

Rectangle

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



78.3630, 22.9920, -1.1954



77.6210, 5.1168, 38.9204



71.1200, -22.2442, -5.3672



60.3540, 2.7835, -52.9305

Sweetspot

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



78.3630, 22.9920, -1.1954



145.2910, 8.7305, -0.2552



105.0330, 9.8437, -30.7239



70.7810, 5.5310, -0.6849



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.



78.3630, 22.9920, -1.1954



90.0930, 35.9432, -1.8356



86.4360, 19.0121, 15.4036



58.0970, 2.9102, -0.0851



19.3760, 53.5516, -2.9608



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.9170, 12.8589, 29.0138



111.2640, 20.0828, 45.3725



108.5640, -19.0121, -15.4036



59.7770, 1.5889, 3.7036



50.9260, 29.6165, 67.5939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 78.3630, 22.9920, -1.1954 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 78.3630, 22.9920, -1.1954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

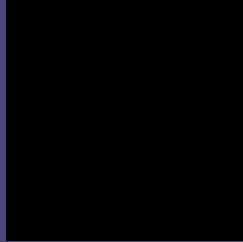
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3630, 22.9920, -1.1954

Background



This preview shows how black text looks on a background with the YUV color 78.3630, 22.9920, -1.1954.



This preview shows how white text looks on a background with the YUV color 78.3630, 22.9920,

-1.1954.

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

78.3630, 22.9920, -1.1954

Protanopia

74.9910, 27.1194, -18.4091

Deuteranopia

74.4700, 23.9253, -20.5832



Tritanopia

76.3950, 4.2423, -7.3624

Trichromacy



Original Color

78.3630, 22.9920, -1.1954

Protanomaly

75.9810, 25.6454, -12.2613

Deuteranomaly

75.5140, 23.9036, -13.6058

Tritanomaly

77.2410, 11.2202, -5.4734

Monochromacy



Original Color

78.3630, 22.9920, -1.1954

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1770, 8.2937, -0.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3630, 22.9920, -1.1954 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(77, 70, 125)` looks like.

```
.text, #text, p{  
    color:rgb(77, 70, 125)  
}
```

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(77, 70, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 70, 125) }
```

Border

The CSS property to change the border of an element to YUV 78.3630, 22.9920, -1.1954 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(77, 70, 125) }
```


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

```
.border{ border-color:rgb(77, 70, 125) }
```

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

Here you see how a box with a 4 pixel rgb(77, 70, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 70, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 70, 125);  
box-shadow:4px 4px 4px 4px rgb(77, 70,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 78.3630, 22.9920, -1.1954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 70, 125) }
```

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

```
.background{ background-color: rgb(77, 70,  
125) }
```

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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