

Converting Colors

YUV(77.0280, 0.9722, 14.8844)

Have a look what the booklet for
YUV(77.0280, 0.9722, 14.8844)
contains.

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Color

**YUV(77.0280, 0.9722,
14.8844)**

Conversions

Conversions Part 1

Format	Color
Hex	5E444F
RGB	94, 68, 79
RGB Percent	37%, 27%, 31%
CMY	0.6314, 0.7333, 0.6902
CMYK	0.00, 0.28, 0.16, 0.63
HSL	335°, 16%, 32%
HSV	335°, 28%, 37%
XYZ	8.0945, 7.0784, 8.3368
YIQ	77.0280, 11.9650, 8.9330

Conversions

Conversions Part 2

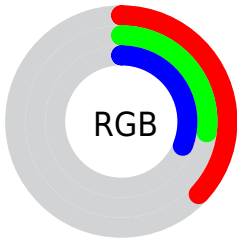
Format	Color
RYB	94, 68, 79
Decimal	6177871
CIELab	31.98, 13.15, -2.19
CIElCh	32, 13.333, 350.529
Yxy	7.0784, 0.3443, 0.3011
Android (android.graphics.Color)	4284367951 (0xFF5E444F)
YUV	77.0280, 0.9722, 14.8844
Hunter-Lab	26.6053, 7.7481, 0.0452

Details

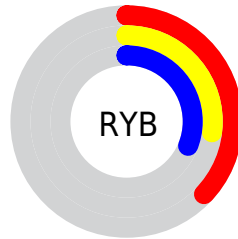
The YUV color **77.0280, 0.9722, 14.8844** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **84.9720, -0.9722, -14.8844**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0390, 0.9668, 16.6288**, and **32.7180, 1.1250, 12.5253** is the 20% darker color. If you saturate the color by 10%, you get **71.1750, 1.3927, 20.0175**, and if you desaturate by 10%, it is **82.8810, 0.5517, 9.7514**.

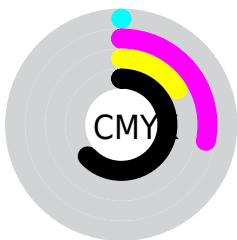
Distribution



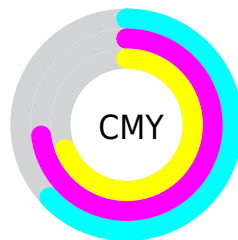
- Red (37%)
- Green (27%)
- Blue (31%)



- Red (37%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (16%)
- Black (63%)



- Cyan (63%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0280, 0.9722, 14.8844 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 77.0280, 0.9722, 14.8844 by changing the saturation by 10% instead.

■ 77.0280, 0.9722,
14.8844

■ 77.0280, 0.9722,
14.8844

255.0000, 0.0000,
0.0000

■ 54.3160, 0.8302,
13.7549

■ 126.0390, 0.9668,
16.6288

■ 32.7180, 1.1250,
12.5253

■ 152.0390, 0.9668,
16.6288

■ 9.8540, 1.5510,
15.9140

■ 178.7510, 1.1088,
17.7584

■ 0.0000, 0.0000,
0.0000

■ 206.6370, 0.6720,
17.8584

■ 234.7510, 1.1088,
17.7584

■ 253.2390, 0.8682,

1.5444

■ 77.0280, 0.9722,
14.8844

■ 77.0280, 0.9722,
14.8844

■ 71.1750, 1.3927,
20.0175

■ 82.8810, 0.5517,
9.7514

■ 64.6210, 1.6658,
25.7654

■ 89.4350, 0.2785,
4.0035

■ 58.7680, 2.0864,
30.8985

■ 95.2880, -0.1420,
-1.1296

■ 52.2140, 2.3595,
36.6463

■ 101.8420, -0.4151,
-6.8774

■ 46.3610, 2.7800,
41.7794

■ 107.6950, -0.8356,
-12.0105

■ 40.3940, 2.7638,
47.0125

■ 113.6620, -0.8194,
-17.2436

■ 33.9540, 3.4737,
52.6603

■ 120.1020, -1.5293,
-22.8915

■ 32.6660, 3.6157,
53.7899

■ 125.9550, -1.9498,
-28.0245

■ 132.5090, -2.2229,
-33.7724

Harmonies

Analogous

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



76.6510, 6.0881, 7.3221



77.0280, 0.9722, 14.8844



76.6710, -4.2748, 17.8285

Triad

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



77.0280, 0.9722, 14.8844



74.0080, -8.8779, 0.8700



71.3870, 9.6692, -21.3874

Complementary

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



77.0280, 0.9722, 14.8844



84.9720, -0.9722, -14.8844

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.



70.3500, 5.7435, -22.2319



77.0280, 0.9722, 14.8844



72.2780, -5.0671, -8.1368

Square

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



77.0280, 0.9722, 14.8844



74.8350, -9.7787, 9.7917



71.1890, -0.0932, -16.8288



73.4850, 11.0999, -13.5803

Rectangle

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



77.0280, 0.9722, 14.8844



75.9760, -6.8902, 16.6840



71.1890, -0.0932, -16.8288



70.7460, 8.5062, -21.7022

Sweetspot

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



77.0280, 0.9722, 14.8844



116.1470, 0.4205, 5.1331



75.4490, 9.1456, 6.6222



57.1360, 0.4260, 3.3887



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



77.0280, 0.9722, 14.8844



95.8980, 1.5293, 22.8915



76.9480, -4.4114, 14.9546



42.7230, 0.1366, 2.8739



38.1340, 3.8779, 63.0265



82.2630, 8.7443, 135.7043

Inverse Universe

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



77.0280, 0.9722, 14.8844



95.8980, 1.5293, 22.8915



85.0520, 4.4114, -14.9546



42.7230, 0.1366, 2.8739



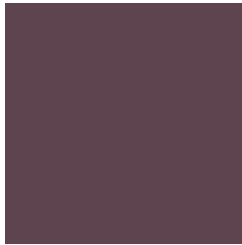
38.1340, 3.8779, 63.0265



82.2630, 8.7443, 135.7043

Previews

White Background



This preview shows how the YUV color 77.0280, 0.9722, 14.8844 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 77.0280, 0.9722, 14.8844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

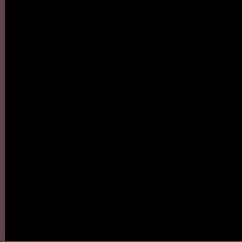
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0280, 0.9722, 14.8844

Background



This preview shows how black text looks on a background with the YUV color 77.0280, 0.9722, 14.8844.



This preview shows how white text looks on a background with the YUV color 77.0280, 0.9722, 14.8844.

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

77.0280, 0.9722, 14.8844

Protanopia

75.9120, 3.4944, -0.7998

Deuteranopia

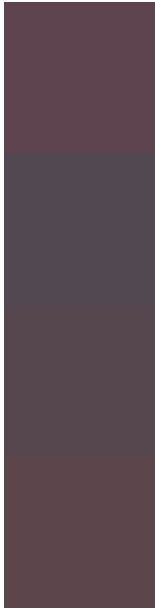
76.2610, 0.8573, 5.0331



Tritanopia

76.7460, -1.3538, 14.2548

Trichromacy



Original Color

77.0280, 0.9722, 14.8844

Protanomaly

76.1300, 2.8939, 5.1480

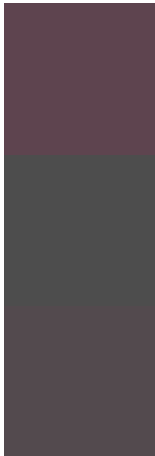
Deuteranomaly

76.2830, 0.8465, 8.5218

Tritanomaly

76.9740, -0.4802, 14.0548

Monochromacy



Original Color

77.0280, 0.9722, 14.8844

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1470, 0.4205, 5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0280, 0.9722, 14.8844 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(94, 68, 79) looks like.

```
.text, #text, p{  
    color:rgb(94, 68, 79)  
}
```

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(94, 68, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 68, 79) }
```

Border

The CSS property to change the border of an element to YUV 77.0280, 0.9722, 14.8844 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(94, 68, 79) }
```


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

```
.border{ border-color:rgb(94, 68, 79) }
```

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

Here you see how a box with a 4 pixel rgb(94, 68, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 68, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 68, 79);  
box-shadow:4px 4px 4px 4px rgb(94, 68, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.0280, 0.9722, 14.8844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 68, 79) }
```

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

```
.background{ background-color: rgb(94, 68,  
79) }
```

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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