

Converting Colors

YUV(63.2570, 17.1283, 12.9296)

Have a look what the booklet for
YUV(63.2570, 17.1283, 12.9296)
contains.

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Color

**YUV(63.2570, 17.1283,
12.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	4E3162
RGB	78, 49, 98
RGB Percent	31%, 19%, 38%
CMY	0.6941, 0.8078, 0.6157
CMYK	0.20, 0.50, 0.00, 0.62
HSL	276°, 33%, 29%
HSV	276°, 50%, 38%
XYZ	6.4448, 4.6982, 12.1224
YIQ	63.2570, 1.5550, 21.3870

Conversions

Conversions Part 2

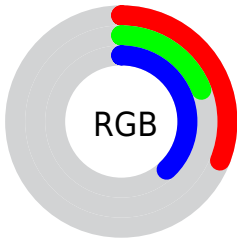
Format	Color
R _Y B	78, 49, 98
Decimal	5124450
CIE Lab	25.86, 23.47, -24.05
CIE LCh	26, 33.603, 314.305
Yxy	4.6982, 0.2770, 0.2019
Android (android.graphics.Color)	4283314530 (0xFF4E3162)
YUV	63.2570, 17.1283, 12.9296
Hunter-Lab	21.6753, 15.1425, -17.9867




Details

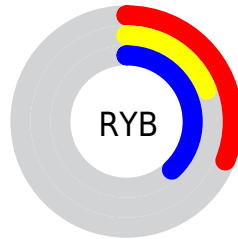
The YUV color **63.2570, 17.1283, 12.9296** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **83.7430, -17.1283, -12.9296**, and the grayscale version is **63.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **111.6100, 18.4333, 14.3740**, and **18.3170, 16.1127, 12.0000** is the 20% darker color. If you saturate the color by 10%, you get **56.1910, 20.6118, 15.6185**, and if you desaturate by 10%, it is **70.3230, 13.6448, 10.2407**.

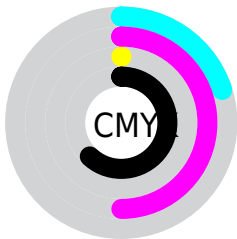
Distribution







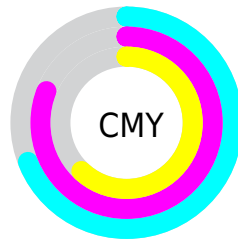
-  Red (31%)
-  Green (19%)
-  Blue (38%)






-  Red (31%)
-  Yellow (19%)
-  Blue (38%)



-  Cyan (20%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (69%)
-  Magenta (81%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2570, 17.1283, 12.9296 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 63.2570, 17.1283, 12.9296 by changing the saturation by 10% instead.

■ 63.2570, 17.1283,
12.9296

■ 63.2570, 17.1283,
12.9296

■ 255.0000, 0.0000,
0.0000

■ 40.4310, 16.5495,
11.9000

■ 111.6100, 18.4333,
14.3740

■ 18.3170, 16.1127,
12.0000

■ 137.4360, 19.0121,
15.4036

■ 3.4200, 13.1039,
-2.9993

■ 163.8490, 19.3014,
15.9184

■ 0.0000, 0.0000,
0.0000

■ 191.3760, 20.0276,
16.3332

■ 218.2190, 18.1330,
17.3479

■ 239.7380, 7.5242,

13.3848

■ 63.2570, 17.1283,
12.9296

■ 63.2570, 17.1283,
12.9296

■ 56.1910, 20.6118,
15.6185

■ 70.3230, 13.6448,
10.2407

■ 49.1250, 24.0954,
18.3074

■ 77.3890, 10.1612,
7.5518

■ 42.6460, 27.2895,
20.4815

■ 83.8680, 6.9671,
5.3778

■ 35.5800, 30.7731,
23.1703

■ 90.9340, 3.4835,
2.6889

■ 28.5140, 34.2566,
25.8592

■ 98.0000, 0.0000,
0.0000

■ 105.0660, -3.4835,
-2.6889

■ 112.1320, -6.9671,
-5.3778

■ 118.6110,
-10.1612, -7.5518

■ 125.6770,
-13.6448, -10.2407

Harmonies

Analogous

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



57.7410, 26.2567, -21.6979



63.2570, 17.1283, 12.9296



61.4570, 7.1697, 33.8022

Triad

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



63.2570, 17.1283, 12.9296



58.6120, -24.9517, 23.1423



51.1730, 10.7607, -44.8787

Complementary

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



63.2570, 17.1283, 12.9296



83.7430, -17.1283, -12.9296

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.



47.6220, -0.3066, -41.7645



63.2570, 17.1283, 12.9296



56.9750, -25.6237, 5.2839

Square

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



63.2570, 17.1283, 12.9296



59.6920, -16.1172, 36.2271



52.8780, -15.2229, -17.4330



53.2080, 21.0965, -46.6634

Rectangle

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



63.2570, 17.1283, 12.9296



59.8510, -0.4195, 41.3497



52.8780, -15.2229, -17.4330



50.1470, 6.8295, -43.9789

Sweetspot

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



63.2570, 17.1283, 12.9296



113.8680, 6.9671, 5.3778



66.3260, 15.6153, -15.1949



55.4610, 4.2097, 3.1037



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



63.2570, 17.1283, 12.9296



73.2330, 27.0001, 19.9667



68.7810, 12.4330, 25.6251



45.0540, 1.4524, 0.8296



32.5020, 39.1925, 29.3777



69.8180, 83.8997, 63.3036

Inverse Universe

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



65.9310, 1.5130, 28.1245



77.5570, 2.1904, 44.2385



78.2190, -12.4330, -25.6251



45.4240, 0.2840, 2.2592



38.7320, 3.5831, 64.2560



82.9320, 7.4285, 137.7486

Previews

White Background



This preview shows how the YUV color 63.2570, 17.1283, 12.9296 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 63.2570, 17.1283, 12.9296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

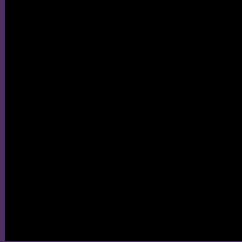
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.2570, 17.1283, 12.9296

Background



This preview shows how black text looks on a background with the YUV color 63.2570, 17.1283, 12.9296.



This preview shows how white text looks on a background with the YUV color 63.2570, 17.1283,

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

63.2570, 17.1283, 12.9296

Protanopia

59.4920, 23.9144, -17.0945

Deuteranopia

60.4940, 17.5045, -14.4652



Tritanopia

62.6420, -0.3165, 8.2070

Trichromacy



Original Color

63.2570, 17.1283, 12.9296

Protanomaly

60.8740, 21.2611, -6.0285

Deuteranomaly

61.2610, 17.6193, -4.6139

Tritanomaly

62.9610, 5.9352, 9.6812

Monochromacy



Original Color

63.2570, 17.1283, 12.9296

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2570, 17.1283, 12.9296 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(78, 49, 98)` looks like.

```
.text, #text, p{  
    color:rgb(78, 49, 98)  
}
```

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(78, 49, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 49, 98) }
```

Border

The CSS property to change the border of an element to YUV 63.2570, 17.1283, 12.9296 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(78, 49, 98) }
```


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

```
.border{ border-color:rgb(78, 49, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 49, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 49, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 49, 98);  
box-shadow:4px 4px 4px 4px rgb(78, 49, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.2570, 17.1283, 12.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 49, 98) }
```

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

```
.background{ background-color: rgb(78, 49,  
98) }
```

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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