

Converting Colors

YUV(59.7230, 3.5876, 16.0289)

Have a look what the booklet for
YUV(59.7230, 3.5876, 16.0289)
contains.

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Color

**YUV(59.7230, 3.5876,
16.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	4E3143
RGB	78, 49, 67
RGB Percent	31%, 19%, 26%
CMY	0.6941, 0.8078, 0.7373
CMYK	0.00, 0.37, 0.14, 0.69
HSL	323°, 23%, 25%
HSV	323°, 37%, 31%
XYZ	5.2533, 4.2216, 5.8482
YIQ	59.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

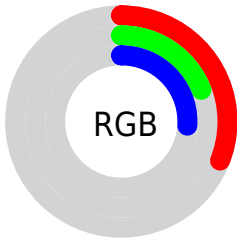
Format	Color
R_{YB}	78, 49, 67
Decimal	5124419
CIE Lab	24.39, 16.36, -5.82
CIE LCh	24, 17.365, 340.416
Yxy	4.2216, 0.3428, 0.2755
Android (android.graphics.Color)	4283314499 (0xFF4E3143)
YUV	59.7230, 3.5876, 16.0289
Hunter-Lab	20.5465, 9.6825, -2.4932

Details

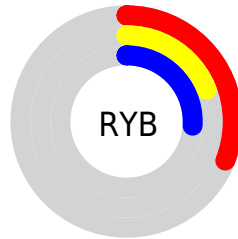
The YUV color **59.7230, 3.5876, 16.0289** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.2770, -3.5876, -16.0289**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7340, 3.5821, 17.7733**, and **15.2500, 4.3137, 16.4438** is the 20% darker color. If you saturate the color by 10%, you get **54.6850, 4.5923, 20.4473**, and if you desaturate by 10%, it is **64.7610, 2.5828, 11.6106**.

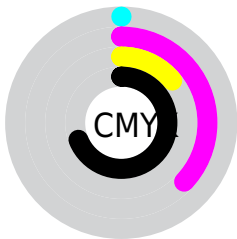
Distribution



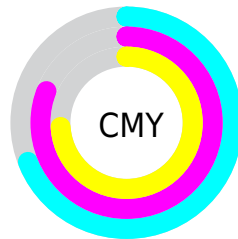
- Red (31%)
- Green (19%)
- Blue (26%)



- Red (31%)
- Yellow (19%)
- Blue (26%)



- Cyan (0%)
- Magenta (37%)
- Yellow (14%)
- Black (69%)



- Cyan (69%)
- Magenta (81%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7230, 3.5876, 16.0289 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 59.7230, 3.5876, 16.0289 by changing the saturation by 10% instead.

■ 59.7230, 3.5876,
16.0289

■ 59.7230, 3.5876,
16.0289

■ 255.0000, 0.0000,
0.0000

■ 37.4240, 3.7350,
15.4142

■ 107.7340, 3.5821,
17.7733

■ 15.2500, 4.3137,
16.4438

■ 133.0330, 3.4347,
18.3881

■ 0.0000, 0.0000,
0.0000

■ 158.8590, 4.0135,
19.4177

■ 186.1580, 3.8661,
20.0324

■ 214.1580, 3.8661,
20.0324

■ 239.2820, 5.7770,

13.7847

■ 59.7230, 3.5876,
16.0289

■ 59.7230, 3.5876,
16.0289

■ 54.6850, 4.5923,
20.4473

■ 64.7610, 2.5828,
11.6106

■ 49.6470, 5.5970,
24.8656

■ 69.7990, 1.5781,
7.1923

■ 45.1960, 6.3124,
28.7691

■ 74.2500, 0.8628,
3.2887

■ 40.1580, 7.3171,
33.1874

■ 79.2880, -0.1420,
-1.1296

■ 35.1200, 8.3218,
37.6058

■ 84.3260, -1.1467,
-5.5479

■ 30.0820, 9.3266,
42.0241

■ 89.3640, -2.1515,
-9.9662

■ 28.7940, 9.4686,
43.1537

■ 94.4020, -3.1562,
-14.3846

■ 98.8530, -3.8715,
-18.2881

■ 103.8910, -4.8763,
-22.7064

Harmonies

Analogous

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



59.4380, 9.1511, 4.8779



59.7230, 3.5876, 16.0289



59.1490, -2.5385, 20.9173

Triad

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



59.7230, 3.5876, 16.0289



56.8190, -12.2358, 4.5437



47.7980, 12.9176, -36.6568

Complementary

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



59.7230, 3.5876, 16.0289



67.2770, -3.5876, -16.0289

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.



49.4090, 6.2074, -31.0537



59.7230, 3.5876, 16.0289



55.0780, -8.4195, -6.2074

Square

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



59.7230, 3.5876, 16.0289



57.7000, -11.6841, 14.2951



52.7220, -1.8349, -18.1732



52.9180, 14.3374, -25.3611

Rectangle

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



59.7230, 3.5876, 16.0289



58.7100, -6.7590, 21.3023



52.7220, -1.8349, -18.1732



47.7440, 11.4652, -37.4865

Sweetspot

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



59.7230, 3.5876, 16.0289



95.0870, 1.4361, 6.0627



55.5950, 11.0457, 3.8632



46.5490, 0.7153, 3.9035



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



59.7230, 3.5876, 16.0289



73.0600, 5.8864, 25.3804



58.1270, -2.5276, 17.4286



35.5380, 0.7208, 2.1592



37.6800, 12.4828, 56.4086



84.9580, 28.1217, 127.2018

Inverse Universe

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



59.7230, 3.5876, 16.0289



73.0600, 5.8864, 25.3804



68.8730, 2.5276, -17.4286



35.5380, 0.7208, 2.1592



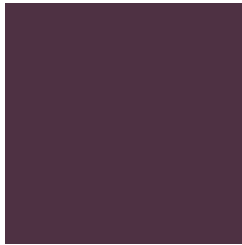
37.6800, 12.4828, 56.4086



84.9580, 28.1217, 127.2018

Previews

White Background



This preview shows how the YUV color 59.7230, 3.5876, 16.0289 looks on a white background.

Color Contrast Check

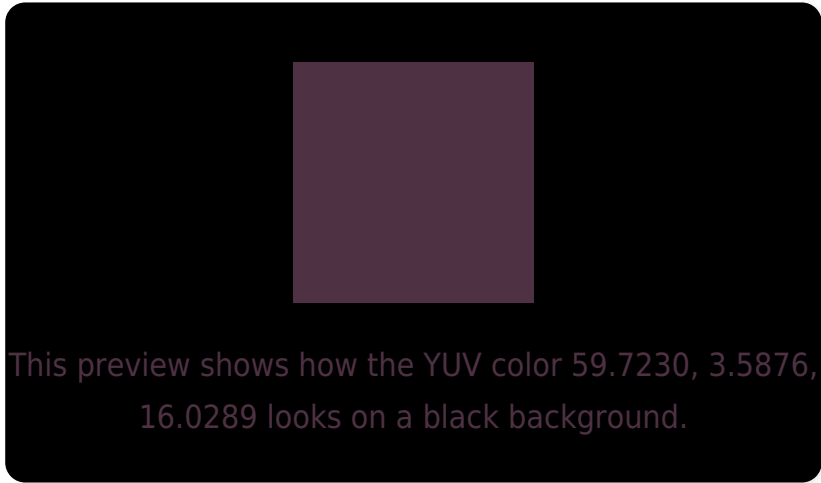
Large Text (above 18pt) WCAG AA ✓ Pass

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

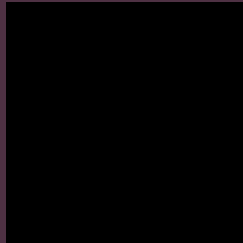
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7230, 3.5876, 16.0289

Background



This preview shows how black text looks on a background with the YUV color 59.7230, 3.5876, 16.0289.



This preview shows how white text looks on a background with the YUV color 59.7230, 3.5876,

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

59.7230, 3.5876, 16.0289

Protanopia

58.8130, 6.9942, -3.3440

Deuteranopia

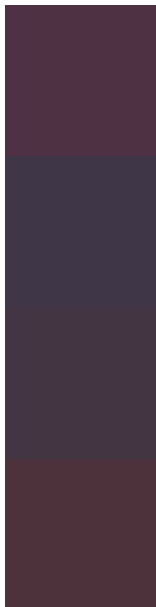
59.2220, 3.3416, 1.5593



Tritanopia

59.2300, -2.0854, 15.5843

Trichromacy



Original Color

59.7230, 3.5876, 16.0289

Protanomaly

59.2160, 5.8095, 3.3186

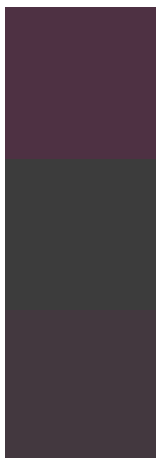
Deuteranomaly

59.2550, 3.3253, 6.7924

Tritanomaly

59.0990, -0.0488, 15.6992

Monochromacy



Original Color

59.7230, 3.5876, 16.0289

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7230, 3.5876, 16.0289 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, 67)` looks like.

```
.text, #text, p{  
    color:rgb(78, 49, 67)  
}
```

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, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 49, 67) }
```

Border

The CSS property to change the border of an element to YUV 59.7230, 3.5876, 16.0289 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, 67) }
```


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

```
.border{ border-color:rgb(78, 49, 67) }
```

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, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 49, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 49, 67);  
box-shadow:4px 4px 4px 4px rgb(78, 49, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.7230, 3.5876, 16.0289 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, 67) }
```

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

```
.background{ background-color: rgb(78, 49,  
67) }
```

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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