

Converting Colors

YUV(59.2360, 15.6597, 17.3330)

Have a look what the booklet for
YUV(59.2360, 15.6597, 17.3330)
contains.

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Color

**YUV(59.2360, 15.6597,
17.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2B5B
RGB	79, 43, 91
RGB Percent	31%, 17%, 36%
CMY	0.6902, 0.8314, 0.6431
CMYK	0.13, 0.53, 0.00, 0.64
HSL	285°, 36%, 26%
HSV	285°, 53%, 36%
XYZ	5.9767, 4.1453, 10.3827
YIQ	59.2360, 6.0480, 22.5600

Conversions

Conversions Part 2

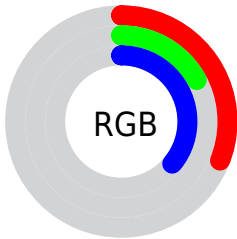
Format	Color
R_{YB}	79, 43, 91
Decimal	5188443
CIE _{Lab}	24.15, 25.78, -22.15
CIE _{LCh}	24, 33.994, 319.329
Yxy	4.1453, 0.2915, 0.2022
Android (android.graphics.Color)	4283378523 (0xFF4F2B5B)
YUV	59.2360, 15.6597, 17.3330
Hunter-Lab	20.3601, 16.7679, -15.9829

Details

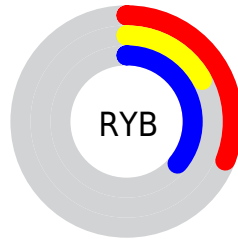
The YUV color **59.2360, 15.6597, 17.3330** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **74.7640, -15.6597, -17.3330**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.4750, 16.5278, 18.8774**, and **15.2960, 14.6441, 16.4034** is the 20% darker color. If you saturate the color by 10%, you get **53.3550, 18.5590, 20.7367**, and if you desaturate by 10%, it is **65.1170, 12.7603, 13.9294**.

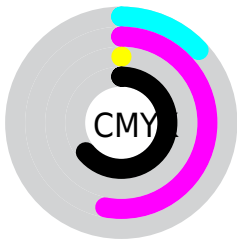
Distribution



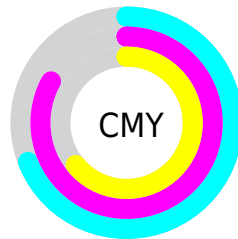
- Red (31%)
- Green (17%)
- Blue (36%)



- Red (31%)
- Yellow (17%)
- Blue (36%)



- Cyan (13%)
- Magenta (53%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (83%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2360, 15.6597, 17.3330 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 59.2360, 15.6597, 17.3330 by changing the saturation by 10% instead.

■ 59.2360, 15.6597,
17.3330

■ 59.2360, 15.6597,
17.3330

■ 255.0000, 0.0000,
0.0000

■ 36.4100, 15.0809,
16.3034

■ 107.4750, 16.5278,
18.8774

■ 15.2960, 14.6441,
16.4034

■ 133.3010, 17.1066,
19.9070

■ 3.3230, 10.1938,
-2.9143

■ 159.7140, 17.3960,
20.4218

■ 0.0000, 0.0000,
0.0000

■ 186.5400, 17.9748,
21.4514

■ 214.9530, 18.2642,
21.9662

■ 236.2160, 9.2605,

16.4736

252.6520, 1.1576,
2.0592

59.2360, 15.6597,
17.3330

59.2360, 15.6597,
17.3330

53.3550, 18.5590,
20.7367

65.1170, 12.7603,
13.9294

47.1750, 21.6057,
23.5255

71.2970, 9.7136,
11.1405

41.2940, 24.5051,
26.9292

77.1780, 6.8142,
7.7369

35.4130, 27.4044,
30.3328

83.0590, 3.9149,
4.3333

30.7060, 29.7249,
32.7068

89.5270, 0.7262,
0.4148

■ 95.7070, -2.3206,
-2.3740

■ 101.5880, -5.2199,
-5.7777

■ 107.4690, -8.1192,
-9.1813

■ 113.3500,
-11.0185, -12.5849

Harmonies

Analogous

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



55.4430, 24.9246, -14.4205



59.2360, 15.6597, 17.3330



56.7240, 5.5591, 37.0761

Triad

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



59.2360, 15.6597, 17.3330



54.4330, -26.8355, 20.6683



48.9390, 12.3551, -42.9195

Complementary

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



59.2360, 15.6597, 17.3330



74.7640, -15.6597, -17.3330

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.



45.8610, 0.5615, -40.2201



59.2360, 15.6597, 17.3330



52.0670, -25.1760, 1.6952

Square

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



59.2360, 15.6597, 17.3330



55.2250, -17.8589, 34.8827



47.8280, -12.7332, -22.6512



50.8600, 22.2540, -44.6042

Rectangle

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



59.2360, 15.6597, 17.3330



55.2810, -2.6035, 41.8496



47.8280, -12.7332, -22.6512



47.9130, 8.4239, -42.0197

Sweetspot

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



59.2360, 15.6597, 17.3330



105.2380, 5.7987, 6.8073



55.5160, 17.4936, -10.9765



51.6460, 3.6255, 3.8185



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



59.2360, 15.6597, 17.3330



68.1800, 24.0683, 27.0291



61.4560, 8.6492, 25.9101



42.7660, 1.5944, 1.9592



37.0580, 35.9604, 39.4141



80.2400, 77.2827, 85.7355

Inverse Universe

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



58.7200, -1.8340, 28.3096



67.2920, -2.6090, 43.5939



72.5440, -8.6492, -25.9101



42.6090, -0.3002, 2.9739



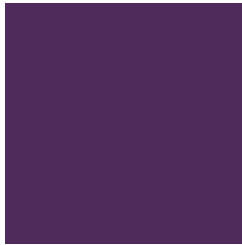
35.9680, -4.4212, 64.9261



77.5890, -9.1644, 139.8034

Previews

White Background



This preview shows how the YUV color 59.2360, 15.6597, 17.3330 looks on a white background.

Color Contrast Check

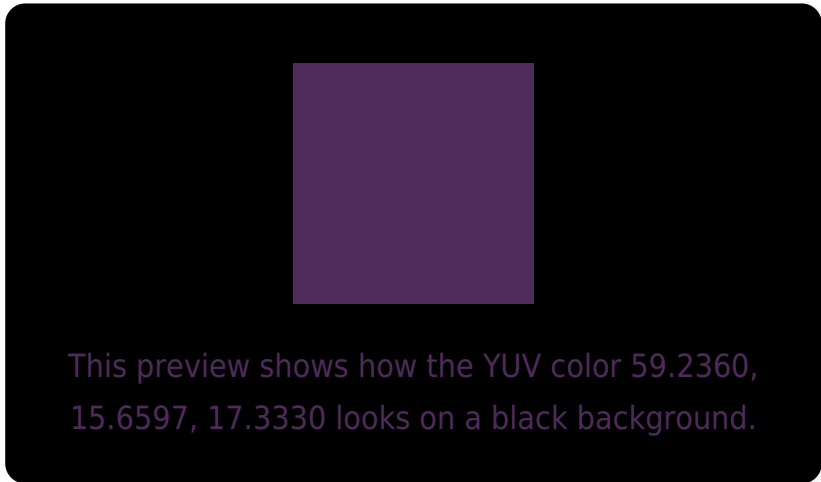
Large Text (above 18pt) WCAG AA ✓ Pass

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

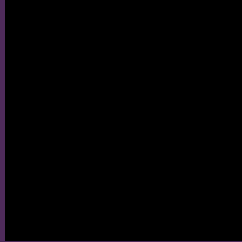
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2360, 15.6597, 17.3330

Background



This preview shows how black text looks on a background with the YUV color 59.2360, 15.6597, 17.3330.



This preview shows how white text looks on a background with the YUV color 59.2360, 15.6597,

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

59.2360, 15.6597, 17.3330

Protanopia

55.3780, 23.4776, -16.9945

Deuteranopia

56.9350, 15.3150, -12.2210



Tritanopia

59.0340, -1.4958, 13.1252

Trichromacy



Original Color

59.2360, 15.6597, 17.3330

Protanomaly

56.7710, 20.8189, -4.1842

Deuteranomaly

58.0010, 15.2825, -1.7549

Tritanomaly

59.3530, 4.7560, 14.5994

Monochromacy



Original Color

59.2360, 15.6597, 17.3330

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9390, 5.9461, 6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2360, 15.6597, 17.3330 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(79, 43, 91)` looks like.

```
.text, #text, p{  
    color:rgb(79, 43, 91)  
}
```

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(79, 43, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 43, 91) }
```

Border

The CSS property to change the border of an element to YUV 59.2360, 15.6597, 17.3330 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(79, 43, 91) }
```


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

```
.border{ border-color:rgb(79, 43, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 43, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 43, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 43, 91);  
box-shadow:4px 4px 4px 4px rgb(79, 43, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.2360, 15.6597, 17.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 43, 91) }
```

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

```
.background{ background-color: rgb(79, 43,  
91) }
```

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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