

Converting Colors

YUV(59.7200, 14.9280, 18.6626)

Have a look what the booklet for
YUV(59.7200, 14.9280, 18.6626)
contains.

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Color

**YUV(59.7200, 14.9280,
18.6626)**

Conversions

Conversions Part 1

Format	Color
Hex	512B5A
RGB	81, 43, 90
RGB Percent	32%, 17%, 35%
CMY	0.6824, 0.8314, 0.6471
CMYK	0.10, 0.52, 0.00, 0.65
HSL	289°, 35%, 26%
HSV	289°, 52%, 35%
XYZ	6.1027, 4.2153, 10.1648
YIQ	59.7200, 7.5610, 22.6730

Conversions

Conversions Part 2

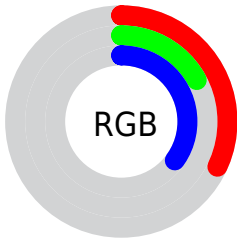
Format	Color
R_{YB}	81, 43, 90
Decimal	5319514
CIE Lab	24.37, 26.20, -21.12
CIE LCh	24, 33.658, 321.126
Yxy	4.2153, 0.2979, 0.2058
Android (android.graphics.Color)	4283509594 (0xFF512B5A)
YUV	59.7200, 14.9280, 18.6626
Hunter-Lab	20.5311, 17.1280, -14.9824

Details

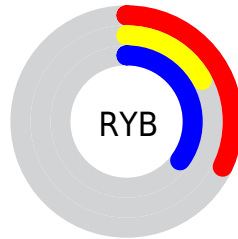
The YUV color **59.7200, 14.9280, 18.6626** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **73.2800, -14.9280, -18.6626**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.2580, 15.6488, 20.8217**, and **15.4810, 14.0599, 17.1182** is the 20% darker color. If you saturate the color by 10%, you get **53.8390, 17.8274, 22.0662**, and if you desaturate by 10%, it is **65.6010, 12.0287, 15.2589**.

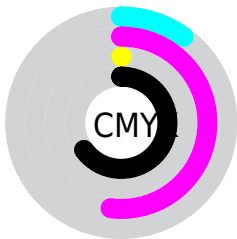
Distribution



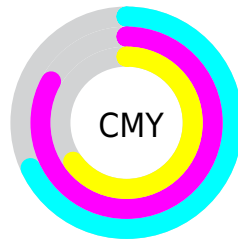
- Red (32%)
- Green (17%)
- Blue (35%)



- Red (32%)
- Yellow (17%)
- Blue (35%)



- Cyan (10%)
- Magenta (52%)
- Yellow (0%)
- Black (65%)



- Cyan (68%)
- Magenta (83%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7200, 14.9280, 18.6626 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 59.7200, 14.9280, 18.6626 by changing the saturation by 10% instead.

■ 59.7200, 14.9280,
18.6626

■ 59.7200, 14.9280,
18.6626

■ 255.0000, 0.0000,
0.0000

■ 36.8940, 14.3493,
17.6330

■ 108.2580, 15.6488,
20.8217

■ 15.4810, 14.0599,
17.1182

■ 133.7850, 16.3750,
21.2366

■ 2.6220, 10.0464,
-2.2995

■ 160.1980, 16.6644,
21.7514

■ 0.0000, 0.0000,
0.0000

■ 187.0240, 17.2432,
22.7810

■ 215.4370, 17.5326,
23.2958

■ 236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

59.7200, 14.9280,
18.6626

59.7200, 14.9280,
18.6626

53.8390, 17.8274,
22.0662

65.6010, 12.0287,
15.2589

48.2570, 20.5793,
26.0846

71.1830, 9.2768,
11.2405

42.3760, 23.4786,
29.4882

77.0640, 6.3774,
7.8369

36.4950, 26.3780,
32.8919

82.9450, 3.4781,
4.4332

32.0870, 28.5511,
35.8807

88.8260, 0.5788,
1.0296

■ 94.4080, -2.1731,
-2.9888

■ 100.2890, -5.0725,
-6.3925

■ 106.1700, -7.9718,
-9.7961

■ 112.0510,
-10.8711, -13.1997

Harmonies

Analogous

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



56.5250, 23.8982, -11.8614



59.7200, 14.9280, 18.6626



57.4960, 4.6855, 37.2760

Triad

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



59.7200, 14.9280, 18.6626



54.8350, -26.5407, 19.4387



49.6400, 12.5025, -43.5343

Complementary

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



59.7200, 14.9280, 18.6626



73.2800, -14.9280, -18.6626

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.



46.0890, 1.4351, -40.4201



59.7200, 14.9280, 18.6626



52.5830, -24.4444, 0.3657

Square

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



59.7200, 14.9280, 18.6626



56.1000, -18.2903, 33.2383



48.0450, -11.8542, -24.5955



50.9740, 22.6908, -44.7042

Rectangle

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



59.7200, 14.9280, 18.6626



55.8680, -2.8929, 41.3348



48.0450, -11.8542, -24.5955



48.7280, 9.0081, -42.7345

Sweetspot

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



59.7200, 14.9280, 18.6626



105.5370, 5.6513, 7.4221



53.6410, 17.9250, -9.3322



51.9450, 3.4781, 4.4332



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.



59.7200, 14.9280, 18.6626



69.3760, 23.4786, 29.4882



60.8150, 7.4862, 25.5952



42.7660, 1.5944, 1.9592



39.1510, 34.9286, 43.7176



84.4260, 75.2190, 94.3424

Inverse Universe

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



58.0790, -2.9969, 27.9947



66.8360, -4.3561, 43.9938



72.1850, -7.4862, -25.5952



42.6090, -0.3002, 2.9739



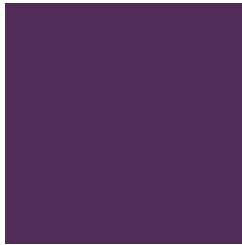
35.2840, -7.0420, 65.5259



75.9930, -15.2795, 141.2031

Previews

White Background



This preview shows how the YUV color 59.7200, 14.9280, 18.6626 looks on a white background.

Color Contrast Check

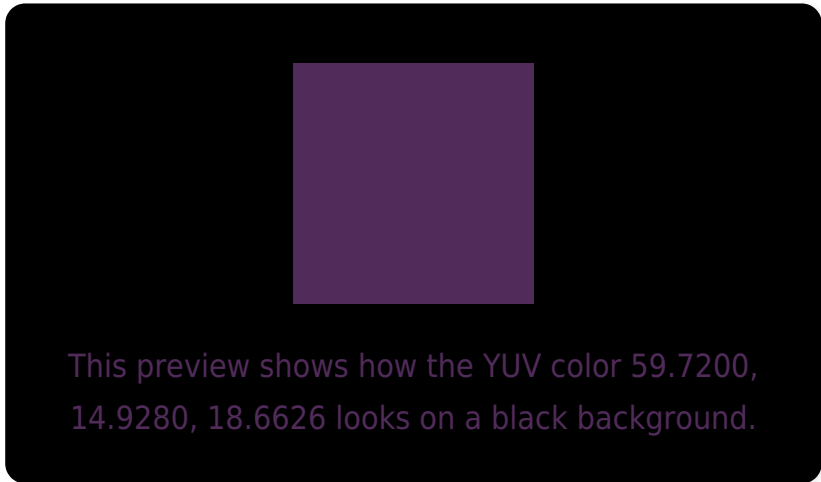
Large Text (above 18pt) WCAG AA ✓ Pass

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

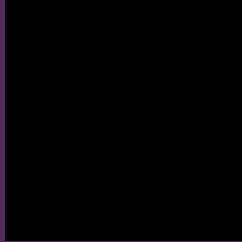
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7200, 14.9280, 18.6626

Background



This preview shows how black text looks on a background with the YUV color 59.7200, 14.9280, 18.6626.



This preview shows how white text looks on a background with the YUV color 59.7200, 14.9280,

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

59.7200, 14.9280, 18.6626

Protanopia

56.5630, 22.8934, -16.2798

Deuteranopia

57.7180, 14.4360, -10.2767



Tritanopia

59.6320, -1.7906, 14.3547

Trichromacy



Original Color

59.7200, 14.9280, 18.6626

Protanomaly

57.8420, 19.7979, -3.3694

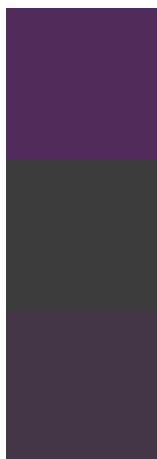
Deuteranomaly

58.7840, 14.4035, 0.1894

Tritanomaly

59.8370, 4.0244, 15.9290

Monochromacy



Original Color

59.7200, 14.9280, 18.6626

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1240, 5.3619, 6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7200, 14.9280, 18.6626 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(81, 43, 90)` looks like.

```
.text, #text, p{  
    color:rgb(81, 43, 90)  
}
```

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(81, 43, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 43, 90) }
```

Border

The CSS property to change the border of an element to YUV 59.7200, 14.9280, 18.6626 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(81, 43, 90) }
```


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

```
.border{ border-color:rgb(81, 43, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 43, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 43, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 43, 90);  
box-shadow:4px 4px 4px 4px rgb(81, 43, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.7200, 14.9280, 18.6626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 43, 90) }
```

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

```
.background{ background-color: rgb(81, 43,  
90) }
```

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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