

Converting Colors

YUV(65.1370, 19.1595, 14.7889)

Have a look what the booklet for
YUV(65.1370, 19.1595, 14.7889)
contains.

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Color

**YUV(65.1370, 19.1595,
14.7889)**

Conversions

Conversions Part 1

Format	Color
Hex	523168
RGB	82, 49, 104
RGB Percent	32%, 19%, 41%
CMY	0.6784, 0.8078, 0.5922
CMYK	0.21, 0.53, 0.00, 0.59
HSL	276°, 36%, 30%
HSV	276°, 53%, 41%
XYZ	7.0767, 4.9899, 13.6869
YIQ	65.1370, 2.0130, 24.1010

Conversions

Conversions Part 2

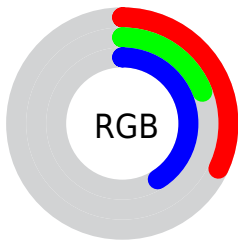
Format	Color
R_{YB}	82, 49, 104
Decimal	5386600
CIE _{Lab}	26.71, 26.27, -26.56
CIE _{LCh}	27, 37.352, 314.688
Yxy	4.9899, 0.2748, 0.1938
Android (android.graphics.Color)	4283576680 (0xFF523168)
YUV	65.1370, 19.1595, 14.7889
Hunter-Lab	22.3382, 17.4566, -20.6910

Details

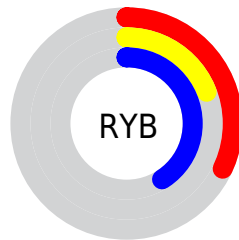
The YUV color **65.1370, 19.1595, 14.7889** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **87.8630, -19.1595, -14.7889**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9030, 20.7538, 16.7481**, and **19.7840, 17.8545, 13.3444** is the 20% darker color. If you saturate the color by 10%, you get **58.0710, 22.6430, 17.4777**, and if you desaturate by 10%, it is **72.2030, 15.6759, 12.1000**.

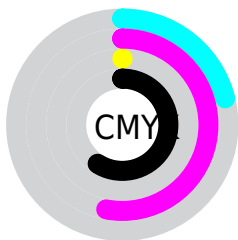
Distribution



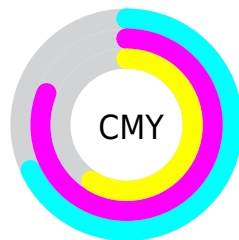
- Red (32%)
- Green (19%)
- Blue (41%)



- Red (32%)
- Yellow (19%)
- Blue (41%)



- Cyan (21%)
- Magenta (53%)
- Yellow (0%)
- Black (59%)



- Cyan (68%)
- Magenta (81%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.1370, 19.1595, 14.7889 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 65.1370, 19.1595, 14.7889 by changing the saturation by 10% instead.

65.1370, 19.1595,
14.7889

65.1370, 19.1595,
14.7889

255.0000, 0.0000,
0.0000

42.3110, 18.5807,
13.7593

113.9030, 20.7538,
16.7481

19.7840, 17.8545,
13.3444

140.3160, 21.0432,
17.2629

5.7840, 14.4035,
0.1894

166.7290, 21.3326,
17.7777

1.0260, 3.9312,
-0.8998

193.6690, 22.3482,
18.7073

0.0000, 0.0000,
0.0000

220.6000, 16.9592,
20.5218

240.3250, 7.2348,

12.8700

■ 65.1370, 19.1595,
14.7889

■ 65.1370, 19.1595,
14.7889

■ 58.0710, 22.6430,
17.4777

■ 72.2030, 15.6759,
12.1000

■ 50.4180, 26.4159,
20.6814

■ 79.8560, 11.9030,
8.8963

■ 43.3520, 29.8995,
23.3703

■ 86.9220, 8.4195,
6.2074

■ 35.4000, 33.8198,
25.9592

■ 94.8740, 4.4991,
3.6185

■ 30.3940, 36.2878,
27.7185

■ 101.9400, 1.0156,
0.9296

■ 109.0060, -2.4680,
-1.7593

■ 116.6590, -6.2409,
-4.9629

■ 123.7250, -9.7244,
-7.6518

■ 131.3780,
-13.4974, -10.8555

Harmonies

Analogous

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



58.6310, 29.7619, -25.9864



65.1370, 19.1595, 14.7889



62.7180, 8.0270, 38.8353

Triad

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



65.1370, 19.1595, 14.7889



59.5970, -28.8883, 25.7864



53.3900, 11.6397, -46.8230

Complementary

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



65.1370, 19.1595, 14.7889



87.8630, -19.1595, -14.7889

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.



49.3830, -1.1748, -43.3089



65.1370, 19.1595, 14.7889



57.8780, -28.5339, 5.3690

Square

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



65.1370, 19.1595, 14.7889



60.5570, -18.0226, 40.7305



53.4000, -16.9592, -20.5218



55.7670, 23.2859, -48.9077

Rectangle

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



65.1370, 19.1595, 14.7889



60.5850, -0.2884, 45.9680



53.4000, -16.9592, -20.5218



52.2500, 7.2718, -45.8232

Sweetspot

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



65.1370, 19.1595, 14.7889



120.2810, 7.2565, 5.8926



68.1840, 17.6573, -16.8244



59.8740, 4.4991, 3.6185



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



65.1370, 19.1595, 14.7889



74.9390, 29.6101, 22.8555



71.1450, 13.7325, 28.8138



47.4670, 1.7418, 1.3444



33.7410, 40.0607, 30.9221



70.9430, 84.3311, 64.9480

Inverse Universe

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



67.9530, 1.5022, 31.6132



79.2910, 2.3215, 48.8568



81.8550, -13.7325, -28.8138



47.7230, 0.1366, 2.8739



39.6290, 3.1409, 66.1004



83.4160, 6.6969, 139.0782

Previews

White Background



This preview shows how the YUV color 65.1370, 19.1595, 14.7889 looks on a white background.

Color Contrast Check

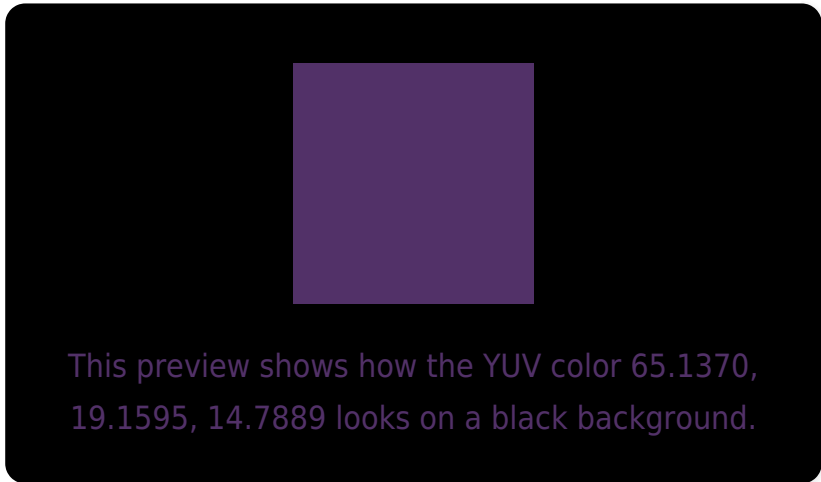
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.1370, 19.1595, 14.7889

Background



This preview shows how black text looks on a background with the YUV color 65.1370, 19.1595, 14.7889.



This preview shows how white text looks on a background with the YUV color 65.1370, 19.1595,

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

65.1370, 19.1595, 14.7889

Protanopia

60.3820, 27.4197, -21.3830

Deuteranopia

61.6400, 19.4045, -17.2243



Tritanopia

64.3540, -0.1745, 9.3365

Trichromacy



Original Color

65.1370, 19.1595, 14.7889

Protanomaly

62.0740, 24.6135, -7.9579

Deuteranomaly

63.3040, 19.0771, -5.5286

Tritanomaly

64.6130, 7.0928, 11.7404

Monochromacy



Original Color

65.1370, 19.1595, 14.7889

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8680, 6.9671, 5.3778

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.1370, 19.1595, 14.7889 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(82, 49, 104)` looks like.

```
.text, #text, p{  
    color:rgb(82, 49, 104)  
}
```

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(82, 49, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 49, 104) }
```

Border

The CSS property to change the border of an element to YUV 65.1370, 19.1595, 14.7889 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(82, 49, 104) }
```


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

```
.border{ border-color:rgb(82, 49, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 49, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 49, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 49, 104);  
box-shadow:4px 4px 4px 4px rgb(82, 49,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 65.1370, 19.1595, 14.7889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 49, 104) }
```

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

```
.background{ background-color: rgb(82, 49,  
104) }
```

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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