

Converting Colors

YUV(59.6320, 51.9464, -1.4313)

Have a look what the booklet for
YUV(59.6320, 51.9464, -1.4313)
contains.

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Color

**YUV(59.6320, 51.9464,
-1.4313)**

Conversions

Conversions Part 1

Format	Color
Hex	3A28A5
RGB	58, 40, 165
RGB Percent	23%, 16%, 65%
CMY	0.7725, 0.8431, 0.3529
CMYK	0.65, 0.76, 0.00, 0.35
HSL	249°, 61%, 40%
HSV	249°, 76%, 65%
XYZ	9.2952, 5.1337, 36.0983
YIQ	59.6320, -29.3970, 42.6910

Conversions

Conversions Part 2

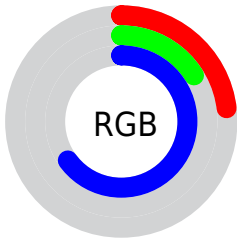
Format	Color
R_{YB}	58, 40, 165
Decimal	3811493
CIE _{Lab}	27.11, 44.53, -64.09
CIE _{LCh}	27, 78.043, 304.793
Yxy	5.1337, 0.1840, 0.1016
Android (android.graphics.Color)	4282001573 (0xFF3A28A5)
YUV	59.6320, 51.9464, -1.4313
Hunter-Lab	22.6578, 33.5778, -78.6003

Details

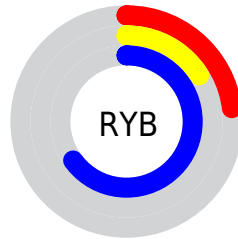
The YUV color **59.6320, 51.9464, -1.4313** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **145.3680, -51.9464, 1.4313**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4310, 53.5245, 5.7610**, and **12.7680, 48.9214, -11.1975** is the 20% darker color. If you saturate the color by 10%, you get **46.0540, 58.6404, -1.8014**, and if you desaturate by 10%, it is **73.7970, 44.9631, -1.5760**.

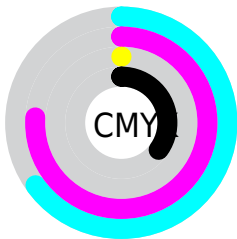
Distribution



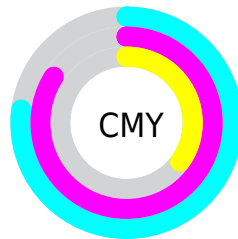
- Red (23%)
- Green (16%)
- Blue (65%)



- Red (23%)
- Yellow (16%)
- Blue (65%)



- Cyan (65%)
- Magenta (76%)
- Yellow (0%)
- Black (35%)



- Cyan (77%)
- Magenta (84%)
- Yellow (35%)
- Black (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6320, 51.9464, -1.4313 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 59.6320, 51.9464, -1.4313 by changing the saturation by 10% instead.

■ 59.6320, 51.9464,
-1.4313

■ 59.6320, 51.9464,
-1.4313

■ 255.0000, 0.0000,
0.0000

■ 29.9080, 53.2894,
-12.1973

■ 112.4310, 53.5245,
5.7610

■ 12.7680, 48.9214,
-11.1975

■ 139.0830, 54.6821,
7.8202

■ 9.9180, 38.0014,
-8.6981

■ 163.5860, 45.0671,
11.7641

■ 10.5900, 25.3451,
-9.2874

■ 188.1060, 32.9787,
15.6930

■ 6.2070, 16.1669,
-5.4435

■ 212.9250, 20.7430,
20.2368

■ 2.5250, 7.1362,
-2.2144

■ 235.6290, 9.5499,

■ 0.0000, 0.0000,

16.9884

0.0000

252.0650, 1.4470,
2.5740

59.6320, 51.9464,
-1.4313

59.6320, 51.9464,
-1.4313

46.0540, 58.6404,
-1.8014

73.7970, 44.9631,
-1.5760

31.8890, 65.6237,
-1.6567

87.3750, 38.2691,
-1.2059

25.9860, 68.5339,
-1.7417

101.5400, 31.2858,
-1.3506

115.1180, 24.5918,
-0.9805

128.9950, 17.7505,
0.0044

■ 143.1600, 10.7671,
-0.1403

■ 156.7380, 4.0732,
0.2298

■ 170.9030, -2.9102,
0.0851

■ 185.0680, -9.8935,
-0.0596

Harmonies

Analogous

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



62.9950, 61.1345, -55.2466



59.6320, 51.9464, -1.4313



54.4860, 30.3264, 73.2418

Triad

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



59.6320, 51.9464, -1.4313



57.0010, -28.1015, 53.4961



58.2170, 7.2880, -51.0563

Complementary

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



59.6320, 51.9464, -1.4313



145.3680, -51.9464, 1.4313

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.



48.2480, -23.2933, -42.3135



59.6320, 51.9464, -1.4313



59.9710, -29.5657, 9.6724

Square

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



59.6320, 51.9464, -1.4313



44.8500, -22.1110, 92.2166



45.7860, -22.5725, -40.1543



65.5300, 32.7697, -57.4698

Rectangle

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



59.6320, 51.9464, -1.4313



55.7210, 10.4905, 88.8217



45.7860, -22.5725, -40.1543



55.2360, -1.5953, -48.4420

Sweetspot

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



59.6320, 51.9464, -1.4313



172.6790, 20.3713, -0.5955



117.6460, 23.3455, -68.0955



81.6160, 12.5143, -0.5402



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



59.6320, 51.9464, -1.4313



49.6020, 81.0482, -2.2820



77.8710, 42.9546, 36.0701



74.6240, 3.6364, 0.3298



22.8090, 60.2402, -1.5865



2.9490, 7.4201, 0.0447

Inverse Universe

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



89.5730, 28.3115, 66.1495



96.3430, 44.2009, 103.1852



127.1290, -42.9546, -36.0701



76.4890, 1.7309, 4.8331



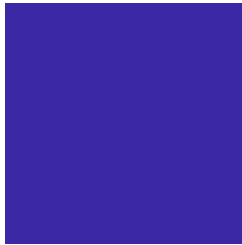
57.4910, 32.7889, 76.7454



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 59.6320, 51.9464, -1.4313 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 59.6320, 51.9464, -1.4313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

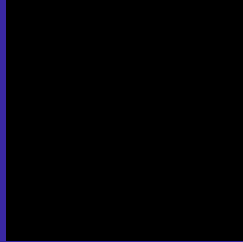
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.6320, 51.9464, -1.4313

Background



This preview shows how black text looks on a background with the YUV color 59.6320, 51.9464, -1.4313.



This preview shows how white text looks on a background with the YUV color 59.6320, 51.9464, -1.4313.

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

59.6320, 51.9464, -1.4313

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.5100, 29.8216, -45.1743



Tritanopia

50.4550, 13.0867, -44.2490

Trichromacy



Original Color

59.6320, 51.9464, -1.4313

Protanomaly

54.2790, 43.7395, -29.1857

Deuteranomaly

54.6720, 37.6297, -29.5303

Tritanomaly

53.9250, 27.1520, -28.8752

Monochromacy



Original Color

59.6320, 51.9464, -1.4313

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9240, 18.7715, -0.8103

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6320, 51.9464, -1.4313 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(58, 40, 165)` looks like.

```
.text, #text, p{  
    color:rgb(58, 40, 165)  
}
```

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(58, 40, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 40, 165) }
```

Border

The CSS property to change the border of an element to YUV 59.6320, 51.9464, -1.4313 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(58, 40, 165) }
```


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

```
.border{ border-color:rgb(58, 40, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 40, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 40, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 40, 165);  
box-shadow:4px 4px 4px 4px rgb(58, 40,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 59.6320, 51.9464, -1.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 40, 165) }
```

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

```
.background{ background-color: rgb(58, 40,  
165) }
```

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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