

Converting Colors

YUV(86.6320, 31.7334, -4.9393)

Have a look what the booklet for
YUV(86.6320, 31.7334, -4.9393)
contains.

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Color

**YUV(86.6320, 31.7334,
-4.9393)**

Conversions

Conversions Part 1

Format	Color
Hex	514D97
RGB	81, 77, 151
RGB Percent	32%, 30%, 59%
CMY	0.6824, 0.6980, 0.4078
CMYK	0.46, 0.49, 0.00, 0.41
HSL	243°, 32%, 45%
HSV	243°, 49%, 59%
XYZ	11.6331, 9.2915, 30.4585
YIQ	86.6320, -21.3700, 23.8620

Conversions

Conversions Part 2

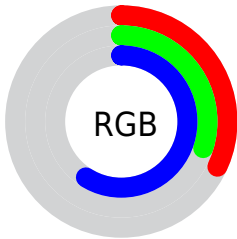
Format	Color
R_{YB}	81, 77, 151
Decimal	5328279
CIE _{Lab}	36.54, 21.79, -40.22
CIE _{LCh}	37, 45.738, 298.446
Yxy	9.2915, 0.2264, 0.1808
Android (android.graphics.Color)	4283518359 (0xFF514D97)
YUV	86.6320, 31.7334, -4.9393
Hunter-Lab	30.4819, 14.7796, -37.9071

Details

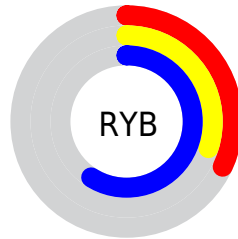
The YUV color **86.6320, 31.7334, -4.9393** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **141.3680, -31.7334, 4.9393**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5120, 33.7646, -3.0800**, and **38.4310, 29.8605, -10.9020** is the 20% darker color. If you saturate the color by 10%, you get **73.6410, 38.1380, -5.8242**, and if you desaturate by 10%, it is **99.6230, 25.3289, -4.0544**.

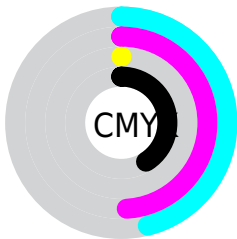
Distribution



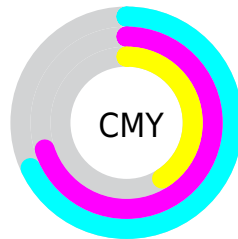
- Red (32%)
- Green (30%)
- Blue (59%)



- Red (32%)
- Yellow (30%)
- Blue (59%)



- Cyan (46%)
- Magenta (49%)
- Yellow (0%)
- Black (41%)



- Cyan (68%)
- Magenta (70%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6320, 31.7334, -4.9393 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 86.6320, 31.7334, -4.9393 by changing the saturation by 10% instead.

■ 86.6320, 31.7334,
-4.9393

■ 86.6320, 31.7334,
-4.9393

■ 255.0000, 0.0000,
0.0000

■ 62.3930, 30.8653,
-6.4837

■ 137.5120, 33.7646,
-3.0800

■ 38.4310, 29.8605,
-10.9020

■ 164.3380, 34.3434,
-2.0504

■ 16.1810, 28.9978,
-14.1907

■ 190.9530, 31.5752,
-0.8358

■ 5.9280, 22.7135,
-5.1989

■ 215.1740, 19.6342,
2.4784

■ 4.5940, 12.5252,
-4.0289

■ 240.2810, 7.2565,
5.8926

■ 0.0000, 0.0000,
0.0000

86.6320, 31.7334,
-4.9393

86.6320, 31.7334,
-4.9393

73.6410, 38.1380,
-5.8242

99.6230, 25.3289,
-4.0544

60.3510, 44.6900,
-7.3238

112.9130, 18.7769,
-2.5547

47.3600, 51.0945,
-8.2087

125.9040, 12.3723,
-1.6698

34.3690, 57.4991,
-9.0936

138.8950, 5.9678,
-0.7849

21.3780, 63.9036,
-9.9785

152.4730, -0.7262,
-0.4148


19.6060, 64.7772,
-10.1785

165.7630, -7.2782,
1.0848

178.7540,
-13.6827, 1.9697

191.7450,

-20.0873, 2.8546

 205.0350,
-26.6393, 4.3543

Harmonies

Analogous

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



71.6570, 43.5531, -62.8432



86.6320, 31.7334, -4.9393



87.7420, 18.3682, 35.3063

Triad

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



86.6320, 31.7334, -4.9393



82.6640, -30.4004, 44.1447



69.9230, 6.4470, -61.3225

Complementary

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



86.6320, 31.7334, -4.9393



141.3680, -31.7334, 4.9393

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.



63.8300, -9.2832, -55.9789



86.6320, 31.7334, -4.9393



80.7030, -39.7866, 21.3085

Square

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



86.6320, 31.7334, -4.9393



82.2910, -14.4405, 58.5038



76.9490, -33.0059, -6.9713



74.1410, 22.6085, -65.0217

Rectangle

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



86.6320, 31.7334, -4.9393



84.9200, 8.4204, 52.6902



76.9490, -33.0059, -6.9713



67.8540, 1.0580, -59.5080

Sweetspot

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



86.6320, 31.7334, -4.9393



170.6050, 12.5197, -2.2846



126.5260, 12.0657, -43.4343



84.2370, 7.2782, -1.0848



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



86.6320, 31.7334, -4.9393



95.9040, 49.3473, -7.8088



97.6950, 26.2794, 17.8075



69.9120, 3.4944, -0.7998



18.3520, 59.9725, -9.0787



1.7810, 5.5310, -0.6849

Inverse Universe

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



107.1060, 19.6677, 38.4950



127.8110, 30.6592, 59.8018



130.3050, -26.2794, -17.8075



72.1900, 1.8783, 4.2184



57.0220, 37.4572, 72.7717



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 86.6320, 31.7334, -4.9393 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 86.6320, 31.7334, -4.9393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

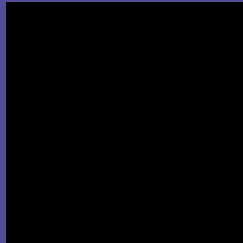
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.6320, 31.7334, -4.9393

Background



This preview shows how black text looks on a background with the YUV color 86.6320, 31.7334, -4.9393.



This preview shows how white text looks on a background with the YUV color 86.6320, 31.7334,

-4.9393.

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

86.6320, 31.7334, -4.9393

Protanopia

81.2700, 37.3349, -28.3008

Deuteranopia

78.8190, 34.5992, -37.5523



Tritanopia

83.6220, 6.5954, -15.4545

Trichromacy



Original Color

86.6320, 31.7334, -4.9393

Protanomaly

83.4560, 35.2712, -19.6939

Deuteranomaly

81.3690, 33.8351, -25.7566

Tritanomaly

84.4620, 16.0412, -11.8062

Monochromacy



Original Color

86.6320, 31.7334, -4.9393

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.6760, 11.4987, -1.4699

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6320, 31.7334, -4.9393 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, 77, 151)` looks like.

```
.text, #text, p{  
    color:rgb(81, 77, 151)  
}
```

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, 77, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 77, 151) }
```

Border

The CSS property to change the border of an element to YUV 86.6320, 31.7334, -4.9393 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, 77, 151) }
```


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

```
.border{ border-color:rgb(81, 77, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 77, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 77, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 77, 151);  
box-shadow:4px 4px 4px 4px rgb(81, 77,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 86.6320, 31.7334, -4.9393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 77, 151) }
```

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

```
.background{ background-color: rgb(81, 77,  
151) }
```

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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