

Converting Colors

YUV(47.4990, 43.6310, 5.7014)

Have a look what the booklet for
YUV(47.4990, 43.6310, 5.7014)
contains.

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Color

**YUV(47.4990, 43.6310,
5.7014)**

Conversions

Conversions Part 1

Format	Color
Hex	361B88
RGB	54, 27, 136
RGB Percent	21%, 11%, 53%
CMY	0.7882, 0.8941, 0.4667
CMYK	0.60, 0.80, 0.00, 0.47
HSL	255°, 67%, 32%
HSV	255°, 80%, 53%
XYZ	6.3572, 3.3457, 23.6033
YIQ	47.4990, -18.8970, 39.6230

Conversions

Conversions Part 2

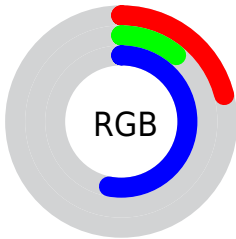
Format	Color
R_{YB}	54, 27, 136
Decimal	3545992
CIE _{Lab}	21.38, 41.85, -55.70
CIE _{LCh}	21, 69.667, 306.918
Yxy	3.3457, 0.1909, 0.1005
Android (android.graphics.Color)	4281736072 (0xFF361B88)
YUV	47.4990, 43.6310, 5.7014
Hunter-Lab	18.2913, 30.0285, -63.7046

Details

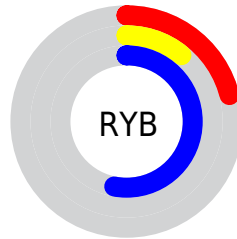
The YUV color **47.4990, 43.6310, 5.7014** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **115.5010, -43.6310, -5.7014**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.8740, 44.9251, 10.6345**, and **9.6900, 37.1278, -8.4981** is the 20% darker color. If you saturate the color by 10%, you get **36.2910, 49.1565, 6.7608**, and if you desaturate by 10%, it is **58.7070, 38.1054, 4.6420**.

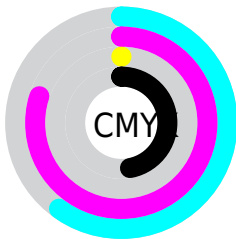
Distribution



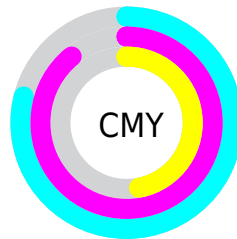
- Red (21%)
- Green (11%)
- Blue (53%)



- Red (21%)
- Yellow (11%)
- Blue (53%)



- Cyan (60%)
- Magenta (80%)
- Yellow (0%)
- Black (47%)



- Cyan (79%)
- Magenta (89%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.4990, 43.6310, 5.7014 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 47.4990, 43.6310, 5.7014 by changing the saturation by 10% instead.

■ 47.4990, 43.6310,
5.7014

■ 47.4990, 43.6310,
5.7014

■ 255.0000, 0.0000,
0.0000

■ 19.3950, 44.6683,
-0.3464

■ 98.8740, 44.9251,
10.6345

■ 9.6900, 37.1278,
-8.4981

■ 124.6400, 46.5195,
12.5937

■ 8.1280, 26.0659,
-7.1283

■ 151.5800, 47.5351,
13.5233

■ 5.5060, 16.0195,
-4.8288

■ 176.3110, 38.7937,
17.2673

■ 2.2970, 6.2626,
-2.0145

■ 201.4180, 26.4159,
20.6814

■ 0.0000, 0.0000,
0.0000

■ 226.2370, 14.1802,

25.2252

243.2600, 5.7878,
10.2960

47.4990, 43.6310,
5.7014

47.4990, 43.6310,
5.7014

36.2910, 49.1565,
6.7608

58.7070, 38.1054,
4.6420

25.6700, 54.3927,
7.3054

69.3280, 32.8693,
4.0973

80.8350, 27.1963,
3.6527

91.4560, 21.9602,
3.1081

102.6640, 16.4346,
2.0487

■ 113.8720, 10.9091,
0.9893

■ 124.7920, 5.5255,
1.0594

■ 136.0000, 0.0000,
0.0000

■ 146.6210, -5.2362,
-0.5446

Harmonies

Analogous

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



51.3570, 52.0820, -45.0401



47.4990, 43.6310, 5.7014



45.5850, 23.3756, 62.6310

Triad

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



47.4990, 43.6310, 5.7014



46.6020, -22.9748, 42.4450



47.6850, 7.5503, -41.8197

Complementary

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



47.4990, 43.6310, 5.7014



115.5010, -43.6310, -5.7014

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.



39.5570, -18.5156, -34.6915



47.4990, 43.6310, 5.7014



47.8440, -23.5871, 5.3988

Square

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



47.4990, 43.6310, 5.7014



36.7770, -18.1311, 75.6176



36.9810, -18.2316, -32.4323



53.9720, 29.1008, -47.3334

Rectangle

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



47.4990, 43.6310, 5.7014



46.1940, 6.3134, 75.2519



36.9810, -18.2316, -32.4323



45.5190, -0.7489, -39.9202

Sweetspot

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



47.4990, 43.6310, 5.7014



141.7780, 16.8714, 1.9487



88.7340, 23.3021, -54.1407



68.0570, 10.3249, 1.7040



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



47.4990, 43.6310, 5.7014



38.8240, 67.6278, 8.9244



63.3460, 35.8184, 38.2846



63.3960, 2.7628, 0.5297



25.0290, 53.2297, 6.9906



0.8690, 2.0366, 0.1149

Inverse Universe

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



68.9390, 19.7501, 58.8125



72.0090, 30.5616, 91.2001



99.6540, -35.8184, -38.2846



64.6630, 1.1521, 3.8035



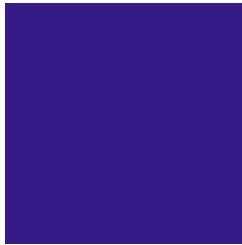
51.1670, 24.0747, 71.7675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 47.4990, 43.6310, 5.7014 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 47.4990, 43.6310, 5.7014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

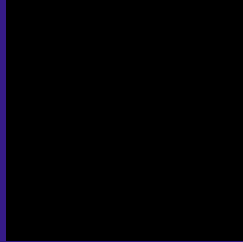
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.4990, 43.6310, 5.7014

Background



This preview shows how black text looks on a background with the YUV color 47.4990, 43.6310, 5.7014.



This preview shows how white text looks on a background with the YUV color 47.4990, 43.6310,

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

47.4990, 43.6310, 5.7014

Protanopia

41.4340, 31.8310, -36.3376

Deuteranopia

41.9580, 23.6847, -36.7972



Tritanopia

45.6100, 8.0803, -25.0910

Trichromacy



Original Color

47.4990, 43.6310, 5.7014

Protanomaly

43.9720, 36.0028, -21.0234

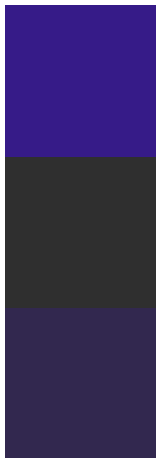
Deuteranomaly

44.0060, 31.0560, -21.0533

Tritanomaly

46.1180, 21.1408, -14.1355

Monochromacy



Original Color

47.4990, 43.6310, 5.7014

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.4360, 15.5611, 2.2486

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.4990, 43.6310, 5.7014 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(54, 27, 136)` looks like.

```
.text, #text, p{  
    color:rgb(54, 27, 136)  
}
```

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(54, 27, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 27, 136) }
```

Border

The CSS property to change the border of an element to YUV 47.4990, 43.6310, 5.7014 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(54, 27, 136) }
```


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

```
.border{ border-color:rgb(54, 27, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 27, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 27, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 27, 136);  
box-shadow:4px 4px 4px 4px rgb(54, 27,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 47.4990, 43.6310, 5.7014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 27, 136) }
```

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

```
.background{ background-color: rgb(54, 27,  
136) }
```

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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