

# Converting Colors

YUV(43.1550, 55.6326, 29.6821)

Have a look what the booklet for  
YUV(43.1550, 55.6326, 29.6821)  
contains.

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# Color

**YUV(43.1550, 55.6326,  
29.6821)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D049C
RGB	77, 4, 156
RGB Percent	30%, 2%, 61%
CMY	0.6980, 0.9843, 0.3882
CMYK	0.51, 0.97, 0.00, 0.39
HSL	269°, 95%, 31%
HSV	269°, 97%, 61%
XYZ	9.1047, 4.0649, 31.7572
YIQ	43.1550, -5.2840, 62.7480

# Conversions

## Conversions Part 2

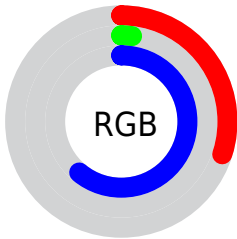
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">77, 4, 156</a>
Decimal	<a href="#">5047452</a>
CIELab	<a href="#">23.88, 56.86, -63.87</a>
CIELCh	<a href="#">24, 85.511, 311.678</a>
Yxy	<a href="#">4.0649, 0.2027, 0.0905</a>
Android (android.graphics.Color)	<a href="#">4283237532 (0xFF4D049C)</a>
YUV	<a href="#">43.1550, 55.6326, 29.6821</a>
Hunter-Lab	<a href="#">20.1616, 45.3255, -79.2764</a>

# Details

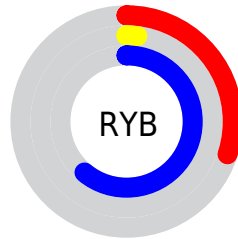
The YUV color **43.1550, 55.6326, 29.6821** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **116.8450, -55.6326, -29.6821**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.2750, 53.6014, 27.8228**, and **12.3400, 44.6954, -9.0682** is the 20% darker color. If you saturate the color by 10%, you get **40.2090, 57.0850, 30.5117**, and if you desaturate by 10%, it is **54.9390, 49.8231, 26.3635**.

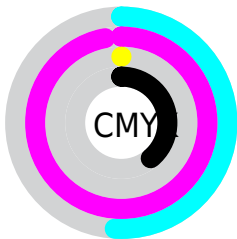
# Distribution



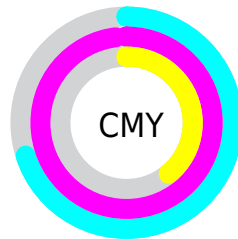
- Red (30%)
- Green (2%)
- Blue (61%)



- Red (30%)
- Yellow (2%)
- Blue (61%)



- Cyan (51%)
- Magenta (97%)
- Yellow (0%)
- Black (39%)



- Cyan (70%)
- Magenta (98%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.1550, 55.6326, 29.6821 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 43.1550, 55.6326, 29.6821 by changing the saturation by 10% instead.



43.1550, 55.6326,  
29.6821

43.1550, 55.6326,  
29.6821

255.0000, 0.0000,  
0.0000

28.4600, 49.5662,  
15.3826

103.2750, 53.6014,  
27.8228

12.3400, 44.6954,  
-9.0682

130.5140, 54.4696,  
29.3672

8.8920, 34.0702,  
-7.7983

156.6300, 48.4964,  
31.8965

9.0910, 22.1401,  
-7.9728

181.4490, 36.2606,  
36.4402

4.8220, 13.3988,  
-4.2289

206.2680, 24.0249,  
40.9840


0.4560, 1.7472,  
-0.3999


223.3020, 15.6271,


0.0000, 0.0000,


27.7991


0.0000


 240.3250, 7.2348,  
12.8700


 43.1550, 55.6326,  
29.6821


 43.1550, 55.6326,  
29.6821


 40.2090, 57.0850,  
30.5117

 54.9390, 49.8231,  
26.3635

 66.1360, 44.3030,  
23.5597

 77.9200, 38.4934,  
20.2412

 89.1170, 32.9733,  
17.4374

 101.2000, 27.0164,  
14.7336

■ 112.9840, 21.2069,  
11.4150

■ 124.1810, 15.6868,  
8.6113

■ 135.9650, 9.8773,  
5.2927

■ 147.1620, 4.3571,  
2.4889

# Harmonies

## Analogous

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



57.2390, 64.4652, -50.1986



43.1550, 55.6326, 29.6821



54.3420, 22.0164, 78.6301

# Triad

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



43.1550, 55.6326, 29.6821



51.9180, -25.5956, 43.0449



55.1340, 13.2449, -48.3525

# Complementary

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



43.1550, 55.6326, 29.6821



116.8450, -55.6326, -29.6821

# 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.



45.5240, -18.4993, -39.9245



43.1550, 55.6326, 29.6821



51.0340, -25.1598, -3.5378

# Square

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



43.1550, 55.6326, 29.6821



41.8600, -20.6370, 86.0688



42.2640, -20.8362, -37.0655



62.7890, 40.0370, -55.0660



# Rectangle

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



43.1550, 55.6326, 29.6821



53.4410, 1.7546, 90.8212



42.2640, -20.8362, -37.0655



51.9250, 3.4880, -45.5382

# Sweetspot

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



43.1550, 55.6326, 29.6821



160.0980, 21.6437, 11.3151



68.8750, 42.9526, -56.8954



75.1870, 13.2188, 6.8520



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



43.1550, 55.6326, 29.6821



52.5580, 74.6609, 39.8526



65.2810, 44.7245, 75.1756



73.1080, 2.9048, 1.6593



36.9330, 52.2910, 28.1228



3.8030, 5.5201, 2.8038



# Inverse Universe

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



58.4540, 12.1012, 85.5478



73.0800, 16.2296, 114.8168



94.7190, -44.7245, -75.1756



73.8480, 0.5679, 4.5183



51.1930, 11.2439, 80.5147

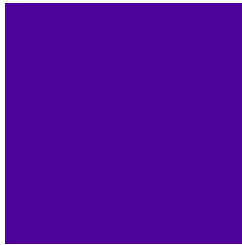


5.3970, 1.2833, 8.4218



# Previews

## White Background



This preview shows how the YUV color 43.1550, 55.6326, 29.6821 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

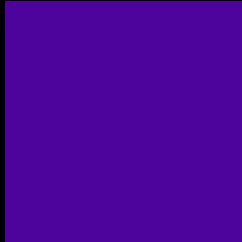
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 43.1550, 55.6326, 29.6821 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

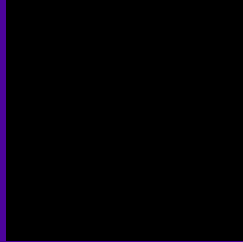
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 43.1550, 55.6326, 29.6821

## Background



This preview shows how black text looks on a background with the YUV color 43.1550, 55.6326, 29.6821.



This preview shows how white text looks on a background with the YUV color 43.1550, 55.6326,



# 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

43.1550, 55.6326, 29.6821

### Protanopia

47.1390, 35.9205, -41.3409

### Deuteranopia

47.5490, 27.3373, -41.7005



## Tritanopia

58.5800, 3.6581, -6.6477

# Trichromacy



## Original Color

43.1550, 55.6326, 29.6821

## Protanomaly

45.8400, 42.9699, -15.6457

## Deuteranomaly

45.7600, 37.5863, -15.5755

## Tritanomaly

52.7060, 22.8229, 6.3968

# Monochromacy



## Original Color

43.1550, 55.6326, 29.6821

## Achromatopsia

43.0000, 0.0000, 0.0000

## Achromatomaly

43.0440, 20.1913, 10.4854

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.1550, 55.6326, 29.6821 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(77, 4, 156)` looks like.

```
.text, #text, p{  
    color:rgb(77, 4, 156)  
}
```

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(77, 4, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 4, 156) }
```

## Border

The CSS property to change the border of an element to YUV 43.1550, 55.6326, 29.6821 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(77, 4, 156) }
```



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

```
.border{ border-color:rgb(77, 4, 156) }
```

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

Here you see how a box with a 4 pixel rgb(77, 4, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 4, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 4, 156);  
box-shadow:4px 4px 4px 4px rgb(77, 4, 156)  
}
```

# Background

The CSS property to change the background color of an element to YUV 43.1550, 55.6326, 29.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 4, 156) }
```

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

```
.background{ background-color: rgb(77, 4,  
156) }
```

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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