

Converting Colors

YUV(54.5870, 43.5876, 19.6562)

Have a look what the booklet for
YUV(54.5870, 43.5876, 19.6562)
contains.

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Color

**YUV(54.5870, 43.5876,
19.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1A8F
RGB	77, 26, 143
RGB Percent	30%, 10%, 56%
CMY	0.6980, 0.8980, 0.4392
CMYK	0.46, 0.82, 0.00, 0.44
HSL	266°, 69%, 33%
HSV	266°, 82%, 56%
XYZ	8.3879, 4.2997, 26.3744
YIQ	54.5870, -7.1610, 47.1990

Conversions

Conversions Part 2

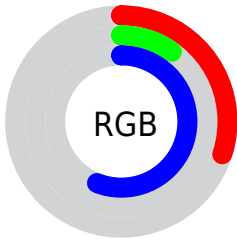
Format	Color
R_{YB}	77, 26, 143
Decimal	5053071
CIE _{Lab}	24.64, 47.44, -54.61
CIE _{LCh}	25, 72.336, 310.984
Yxy	4.2997, 0.2147, 0.1101
Android (android.graphics.Color)	4283243151 (0xFF4D1A8F)
YUV	54.5870, 43.5876, 19.6562
Hunter-Lab	20.7358, 35.9177, -60.8975

Details

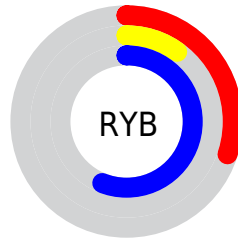
The YUV color **54.5870, 43.5876, 19.6562** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **114.4130, -43.5876, -19.6562**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.2390, 44.7452, 21.7154**, and **14.8590, 37.5375, 0.1237** is the 20% darker color. If you saturate the color by 10%, you get **43.9770, 48.8183, 21.9452**, and if you desaturate by 10%, it is **65.1970, 38.3569, 17.3672**.

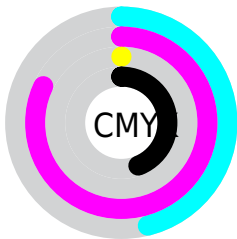
Distribution



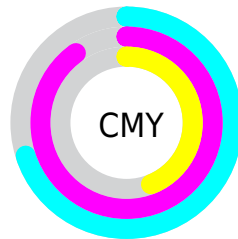
- Red (30%)
- Green (10%)
- Blue (56%)



- Red (30%)
- Yellow (10%)
- Blue (56%)



- Cyan (46%)
- Magenta (82%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (90%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5870, 43.5876, 19.6562 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 54.5870, 43.5876, 19.6562 by changing the saturation by 10% instead.

■ 54.5870, 43.5876,
19.6562

■ 54.5870, 43.5876,
19.6562

■ 255.0000, 0.0000,
0.0000

■ 27.6900, 44.0298,
17.8119

■ 107.2390, 44.7452,
21.7154

■ 14.8590, 37.5375,
0.1237

■ 133.7770, 45.4659,
23.8746

■ 7.6380, 29.2655,
-6.6985

■ 160.7170, 46.4815,
24.8042

■ 6.7770, 18.3509,
-5.9434

■ 185.2370, 34.3932,
28.7332


■ 3.0950, 9.3202,
-2.7143


■ 210.6430, 21.8680,
32.7621


■ 0.0000, 0.0000,
0.0000


■ 229.1720, 12.7332,


22.6512


 245.6080, 4.6303,
8.2368


 54.5870, 43.5876,
19.6562


 54.5870, 43.5876,
19.6562


 43.9770, 48.8183,
21.9452

 65.1970, 38.3569,
17.3672

 34.8400, 53.3229,
23.8193

 76.3940, 32.8368,
14.5635

 87.0040, 27.6060,
12.2745

 97.6140, 22.3753,
9.9855

 108.2240, 17.1446,
7.6966

■ 119.4210, 11.6244,
4.8928

■ 130.0310, 6.3937,
2.6038

■ 140.9400, 1.0156,
0.9296

■ 152.1370, -4.5045,
-1.8741

Harmonies

Analogous

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



55.0730, 56.1660, -48.2990



54.5870, 43.5876, 19.6562



50.5970, 21.8907, 72.2674

Triad

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



54.5870, 43.5876, 19.6562



54.5540, -26.8951, 39.8561



54.6780, 11.4977, -47.9526

Complementary

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



54.5870, 43.5876, 19.6562



114.4130, -43.5876, -19.6562

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.



46.6640, -14.1314, -40.9243



54.5870, 43.5876, 19.6562



53.1270, -26.1916, 0.7656

Square

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



54.5870, 43.5876, 19.6562



39.7670, -19.6051, 81.7653



42.2640, -20.8362, -37.0655



60.7200, 34.6480, -53.2514

Rectangle

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



54.5870, 43.5876, 19.6562



50.4940, 4.6865, 83.7588



42.2640, -20.8362, -37.0655



51.9250, 3.4880, -45.5382

Sweetspot

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



54.5870, 43.5876, 19.6562



151.2240, 17.1446, 7.6966



78.0800, 32.0056, -45.6742



72.7800, 10.4615, 4.5779



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



54.5870, 43.5876, 19.6562



48.3690, 67.8521, 30.3714



71.9290, 35.0380, 55.3133



65.6950, 2.6154, 1.1445



33.0310, 50.2707, 22.7748



1.8090, 3.0522, 1.0445

Inverse Universe

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



68.5070, 11.5820, 65.3304



70.1600, 18.1621, 101.5917



97.0710, -35.0380, -55.3133



66.5490, 0.7153, 3.9035



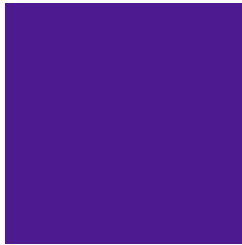
49.0290, 13.2967, 75.3966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 54.5870, 43.5876, 19.6562 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 54.5870, 43.5876, 19.6562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

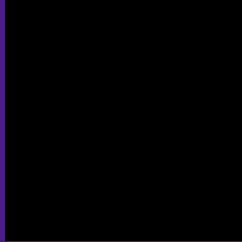
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.5870, 43.5876, 19.6562

Background



This preview shows how black text looks on a background with the YUV color 54.5870, 43.5876, 19.6562.



This preview shows how white text looks on a background with the YUV color 54.5870, 43.5876,

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

54.5870, 43.5876, 19.6562

Protanopia

47.8400, 36.0679, -41.9557

Deuteranopia

47.6630, 27.7741, -41.8005



Tritanopia

59.5590, 2.1894, -2.2442

Trichromacy



Original Color

54.5870, 43.5876, 19.6562

Protanomaly

50.0800, 38.9076, -19.3642

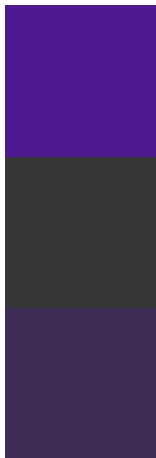
Deuteranomaly

50.0000, 33.5240, -19.2940

Tritanomaly

57.9140, 17.2974, 5.3374

Monochromacy



Original Color

54.5870, 43.5876, 19.6562

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.5830, 15.9816, 7.3817

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5870, 43.5876, 19.6562 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, 26, 143)` looks like.

```
.text, #text, p{  
    color:rgb(77, 26, 143)  
}
```

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, 26, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 26, 143) }
```

Border

The CSS property to change the border of an element to YUV 54.5870, 43.5876, 19.6562 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, 26, 143) }
```


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

```
.border{ border-color:rgb(77, 26, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 26, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 26, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 26, 143);  
box-shadow:4px 4px 4px 4px rgb(77, 26,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 54.5870, 43.5876, 19.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 26, 143) }
```

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

```
.background{ background-color: rgb(77, 26,  
143) }
```

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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