

Converting Colors

YUV(129.8550, 27.1865,
53.6242)

Have a look what the booklet for
YUV(129.8550, 27.1865, 53.6242)
contains.

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Color

**YUV(129.8550, 27.1865,
53.6242)**

Conversions

Conversions Part 1

Format	Color
Hex	BF58B9
RGB	191, 88, 185
RGB Percent	75%, 35%, 73%
CMY	0.2510, 0.6549, 0.2745
CMYK	0.00, 0.54, 0.03, 0.25
HSL	303°, 45%, 55%
HSV	303°, 54%, 75%
XYZ	33.7325, 21.5586, 48.2823
YIQ	129.8550, 30.2510, 52.0030

Conversions

Conversions Part 2

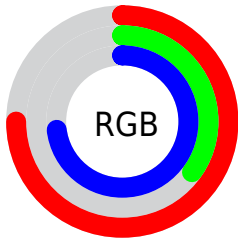
Format	Color
R_{YB}	191, 88, 185
Decimal	12540089
CIE _{Lab}	53.56, 54.19, -32.59
CIE _{LCh}	54, 63.239, 328.980
Yxy	21.5586, 0.3257, 0.2081
Android (android.graphics.Color)	4290730169 (0xFFBF58B9)
YUV	129.8550, 27.1865, 53.6242
Hunter-Lab	46.4312, 48.4265, -29.1518

Details

The YUV color **129.8550, 27.1865, 53.6242** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **149.1450, -27.1865, -53.6242**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.2790, 27.4705, 55.8833**, and **73.4960, 28.3495, 53.9390** is the 20% darker color. If you saturate the color by 10%, you get **118.5880, 32.2481, 63.5053**, and if you desaturate by 10%, it is **141.1220, 22.1249, 43.7430**.

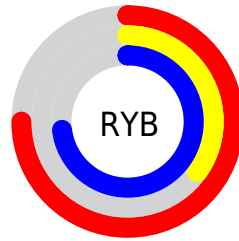
Distribution



Red (75%)

Green (35%)

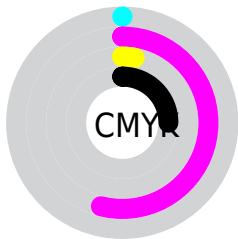
Blue (73%)



Red (75%)

Yellow (35%)

Blue (73%)

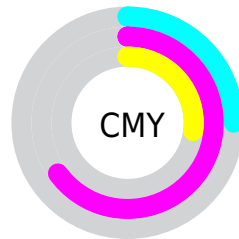


Cyan (0%)

Magenta (54%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (65%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8550, 27.1865, 53.6242 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 129.8550, 27.1865, 53.6242 by changing the saturation by 10% instead.

129.8550, 27.1865,
53.6242

129.8550, 27.1865,
53.6242

255.0000, 0.0000,
0.0000

102.5560, 27.3339,
53.0094

185.2790, 27.4705,
55.8833

73.4960, 28.3495,
53.9390

205.1050, 24.5982,
43.7579

44.3760, 30.3806,
55.7982

221.5410, 16.4953,
29.3435

33.4530, 23.4407,
41.6987

238.5640, 8.1029,
14.4144

23.3560, 17.0795,
28.6288

13.0740, 11.3025,
14.8441

1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 129.8550, 27.1865,
53.6242

■ 129.8550, 27.1865,
53.6242

■ 118.5880, 32.2481,
63.5053

■ 141.1220, 22.1249,
43.7430

■ 107.3210, 37.3097,
73.3865

■ 152.3890, 17.0632,
33.8618

■ 96.0540, 42.3714,
83.2676

■ 163.6560, 12.0016,
23.9807

■ 84.7870, 47.4330,
93.1488

■ 174.9230, 6.9400,
14.0995

■ 77.6290, 50.4689,
99.4264

■ 186.8910, 2.0257,
3.6036

■ 198.1580, -3.0359,
-6.2776

■ 209.4250, -8.0975,
-16.1587

■ 220.6920,
-13.1592, -26.0399

■ 229.0240,
-16.7738, -33.3470

Harmonies

Analogous

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



128.6330, 47.0159, -6.6941



129.8550, 27.1865, 53.6242



122.5160, 4.6756, 87.2475

Triad

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



129.8550, 27.1865, 53.6242



119.7200, -59.0220, 30.9406



109.6300, 34.1994, -96.1455

Complementary

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



129.8550, 27.1865, 53.6242



149.1450, -27.1865, -53.6242

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.



103.9470, 9.8861, -91.1615



129.8550, 27.1865, 53.6242



113.5190, -51.0349, -10.9792

Square

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



129.8550, 27.1865, 53.6242



122.3710, -46.0319, 64.5726



95.2150, -13.4170, -83.5036



111.4830, 53.9919, -97.7706

Rectangle

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



129.8550, 27.1865, 53.6242



120.7710, -12.2121, 90.5318



95.2150, -13.4170, -83.5036



108.2790, 26.4845, -94.9607

Sweetspot

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



129.8550, 27.1865, 53.6242



223.8790, 10.4127, 20.2771



101.2370, 44.2532, -7.2238



110.7980, 6.5086, 12.4552



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



129.8550, 27.1865, 53.6242



152.0540, 42.3714, 83.2676



124.0410, 4.9098, 58.7230



88.7170, 2.6045, 4.6332



64.2280, 41.7926, 82.2380



12.5750, 8.0975, 16.1587

Inverse Universe

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



129.8550, 27.1865, 53.6242



152.0540, 42.3714, 83.2676



154.9590, -4.9098, -58.7230



88.7170, 2.6045, 4.6332



64.2280, 41.7926, 82.2380



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 129.8550, 27.1865, 53.6242 looks on a white background.

Color Contrast Check

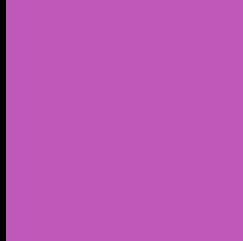
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 129.8550, 27.1865, 53.6242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

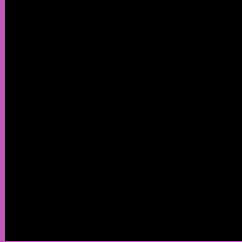
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.8550, 27.1865, 53.6242

Background



This preview shows how black text looks on a background with the YUV color 129.8550, 27.1865, 53.6242.



This preview shows how white text looks on a background with the YUV color 129.8550, 27.1865,

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

129.8550, 27.1865, 53.6242

Protanopia

125.0230, 45.3447, -30.7152

Deuteranopia

128.3290, 24.4878, -14.3205



Tritanopia

129.9350, -7.8560, 46.5380

Trichromacy



Original Color

129.8550, 27.1865, 53.6242

Protanomaly

127.0870, 38.4111, -0.0763

Deuteranomaly

129.1240, 25.5749, 10.4153

Tritanomaly

129.6870, 5.0843, 49.3865

Monochromacy



Original Color

129.8550, 27.1865, 53.6242

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0530, 9.8339, 19.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8550, 27.1865, 53.6242 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(191, 88, 185)` looks like.

```
.text, #text, p{  
    color:rgb(191, 88, 185)  
}
```

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(191, 88, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 88, 185) }
```

Border

The CSS property to change the border of an element to YUV 129.8550, 27.1865, 53.6242 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(191, 88, 185) }
```


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

```
.border{ border-color:rgb(191, 88, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 88, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 88, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 88, 185); box-shadow:4px 4px 4px 4px rgb(191, 88, 185) }
```

Background

The CSS property to change the background color of an element to YUV 129.8550, 27.1865, 53.6242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 88, 185) }
```

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

```
.background{ background-color: rgb(191, 88,  
185) }
```

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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