

Converting Colors

YUV(99.5850, 53.4486, 30.1820)

Have a look what the booklet for
YUV(99.5850, 53.4486, 30.1820)
contains.

YUV(99.5850, 53.4486, 30.1820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(99.5850, 53.4486,
30.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	863DD0
RGB	134, 61, 208
RGB Percent	53%, 24%, 82%
CMY	0.4745, 0.7608, 0.1843
CMYK	0.36, 0.71, 0.00, 0.18
HSL	270°, 61%, 53%
HSV	270°, 71%, 82%
XYZ	22.8854, 12.9599, 60.9698
YIQ	99.5850, -3.6790, 61.1930

Conversions

Conversions Part 2

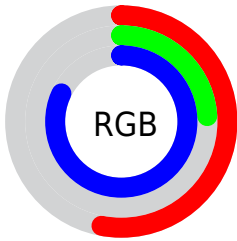
Format	Color
R _Y B	134, 61, 208
Decimal	8797648
CIE Lab	42.70, 58.03, -63.64
CIE LCh	43, 86.122, 312.362
Yxy	12.9599, 0.2364, 0.1339
Android (android.graphics.Color)	4286987728 (0xFF863DD0)
YUV	99.5850, 53.4486, 30.1820
Hunter-Lab	35.9998, 50.4743, -75.2145

Details

The YUV color **99.5850, 53.4486, 30.1820** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **169.4150, -53.4486, -30.1820**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3960, 50.0908, 33.8557**, and **40.0520, 55.1904, 31.5264** is the 20% darker color. If you saturate the color by 10%, you get **84.2680, 60.9999, 34.8450**, and if you desaturate by 10%, it is **114.9020, 45.8973, 25.5189**.

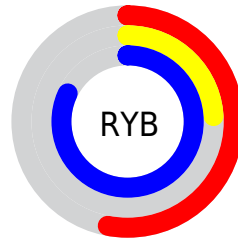
Distribution



Red (53%)

Green (24%)

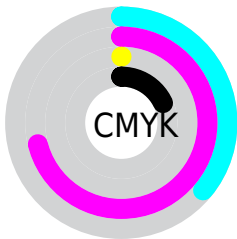
Blue (82%)



Red (53%)

Yellow (24%)

Blue (82%)

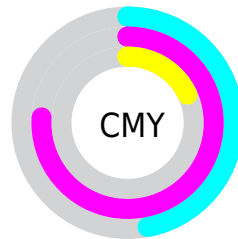


Cyan (36%)

Magenta (71%)

Yellow (0%)

Black (18%)



Cyan (47%)

Magenta (76%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.5850, 53.4486, 30.1820 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 99.5850, 53.4486, 30.1820 by changing the saturation by 10% instead.

■ 99.5850, 53.4486,
30.1820

■ 99.5850, 53.4486,
30.1820

■ 255.0000, 0.0000,
0.0000

■ 71.2860, 53.5960,
29.5672

■ 153.3960, 50.0908,
33.8557

■ 40.0520, 55.1904,
31.5264

■ 178.2150, 37.8550,
38.3994

■ 27.8190, 48.4032,
15.0677

■ 203.6210, 25.3298,
42.4284

■ 12.5960, 43.0902,
-7.5387

■ 220.9540, 16.7847,
29.8583

■ 8.5500, 32.7599,
-7.4984

■ 237.9770, 8.3923,
14.9292

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 99.5850, 53.4486,
30.1820

■ 99.5850, 53.4486,
30.1820

■ 84.2680, 60.9999,
34.8450

■ 114.9020, 45.8973,
25.5189

■ 68.6520, 68.6986,
38.8932

■ 130.5180, 38.1986,
21.4707

■ 54.5090, 75.6711,
42.5266

■ 145.2480, 30.9367,
17.3225

■ 160.8640, 23.2380,
13.2743

■ 176.1810, 15.6868,
8.6113

■ 191.7970, 7.9881,
4.5630

■ 207.1140, 0.4368,
-0.1000

■ 222.1430, -6.9725,
-3.6334

■ 237.4600,
-14.5238, -8.2964

Harmonies

Analogous

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



87.5760, 76.6240, -76.8042



99.5850, 53.4486, 30.1820



77.0420, 33.9963, 109.5882

Triad

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



99.5850, 53.4486, 30.1820



94.4900, -46.5836, 54.8213



89.9560, 19.7417, -78.8914

Complementary

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



99.5850, 53.4486, 30.1820



169.4150, -53.4486, -30.1820

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.



80.1180, -12.8762, -70.2635



99.5850, 53.4486, 30.1820



91.8120, -45.2633, 4.5499

Square

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



99.5850, 53.4486, 30.1820



74.4750, -36.7162, 110.0854



70.4400, -34.7269, -61.7759



97.5940, 49.0072, -85.5899

Rectangle

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



99.5850, 53.4486, 30.1820



76.4680, 11.1083, 124.1236



70.4400, -34.7269, -61.7759



87.1060, 8.8217, -76.3920

Sweetspot

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



99.5850, 53.4486, 30.1820



215.2290, 19.6071, 11.2002



122.3700, 42.2156, -53.8215



104.1330, 11.7664, 6.0224



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



99.5850, 53.4486, 30.1820



95.0300, 78.8652, 44.7007



121.1130, 42.8353, 74.4459



96.7490, 4.0677, 1.9741



44.2680, 60.9999, 34.8450



10.6540, 14.9606, 8.1964

Inverse Universe

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



113.3890, 10.6542, 82.9738



115.3090, 15.6237, 122.5090



147.8870, -42.8353, -74.4459



97.8590, 0.5625, 6.2627



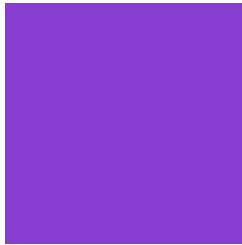
59.9220, 12.3635, 94.7844



14.6530, 3.1291, 23.1063

Previews

White Background



This preview shows how the YUV color 99.5850, 53.4486, 30.1820 looks on a white background.

Color Contrast Check

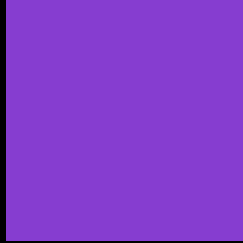
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 99.5850, 53.4486, 30.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

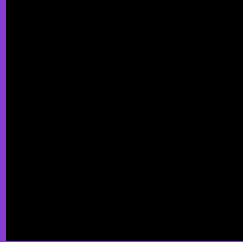
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.5850, 53.4486, 30.1820

Background



This preview shows how black text looks on a background with the YUV color 99.5850, 53.4486, 30.1820.



This preview shows how white text looks on a background with the YUV color 99.5850, 53.4486,

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

99.5850, 53.4486, 30.1820

Protanopia

80.4230, 61.9095, -70.5310

Deuteranopia

80.8670, 48.3796, -70.9204



Tritanopia

101.9950, 0.9885, 9.6514

Trichromacy



Original Color

99.5850, 53.4486, 30.1820



Protanomaly

87.5570, 58.8854, -33.8145



Deuteranomaly

87.9670, 50.3023, -34.1741



Tritanomaly

101.0880, 20.1696, 17.4628

Monochromacy



Original Color

99.5850, 53.4486, 30.1820



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

99.8160, 19.3177, 10.6854

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.5850, 53.4486, 30.1820 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(134, 61, 208)` looks like.

```
.text, #text, p{  
    color:rgb(134, 61, 208)  
}
```

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(134, 61, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 61, 208) }
```

Border

The CSS property to change the border of an element to YUV 99.5850, 53.4486, 30.1820 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(134, 61, 208) }
```


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

```
.border{ border-color:rgb(134, 61, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 61, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 61, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 61, 208);  
box-shadow:4px 4px 4px 4px rgb(134, 61,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 99.5850, 53.4486, 30.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 61, 208) }
```

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

```
.background{ background-color: rgb(134, 61,  
208) }
```

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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