

Converting Colors

YUV(93.2570, 61.0053, 33.1006)

Have a look what the booklet for
YUV(93.2570, 61.0053, 33.1006)
contains.

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Color

**YUV(93.2570, 61.0053,
33.1006)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8332D9 |
| RGB | 131, 50, 217 |
| RGB Percent | 51%, 20%, 85% |
| CMY | 0.4863, 0.8039, 0.1490 |
| CMYK | 0.40, 0.77, 0.00, 0.15 |
| HSL | 269°, 69%, 52% |
| HSV | 269°, 77%, 85% |
| XYZ | 23.0251, 12.1163, 66.7708 |
| YIQ | 93.2570, -5.3310, 69.1090 |

Conversions

Conversions Part 2

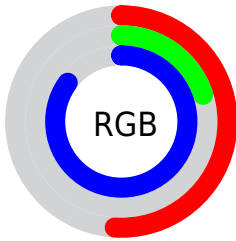
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 131, 50, 217 |
| Decimal | 8598233 |
| CIE Lab | 41.40, 64.28, -70.95 |
| CIE LCh | 41, 95.737, 312.174 |
| Yxy | 12.1163, 0.2259, 0.1189 |
| Android (android.graphics.Color) | 4286788313 (0xFF8332D9) |
| YUV | 93.2570, 61.0053, 33.1006 |
| Hunter-Lab | 34.8084, 57.1594, -89.3664 |

Details

The YUV color **93.2570, 61.0053, 33.1006** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **173.7430, -61.0053, -33.1006**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5150, 52.9901, 37.2593**, and **39.5830, 59.8586, 27.5527** is the 20% darker color. If you saturate the color by 10%, you get **77.0540, 68.9934, 37.6636**, and if you desaturate by 10%, it is **109.4600, 53.0172, 28.5376**.

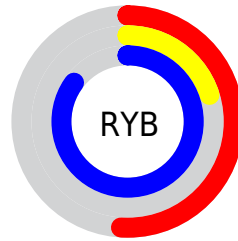
Distribution



Red (51%)

Green (20%)

Blue (85%)



Red (51%)

Yellow (20%)

Blue (85%)

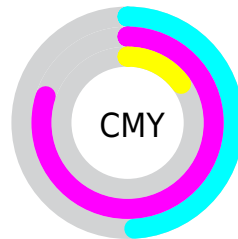


Cyan (40%)

Magenta (77%)

Yellow (0%)

Black (15%)



Cyan (49%)

Magenta (80%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.2570, 61.0053, 33.1006 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 93.2570, 61.0053, 33.1006 by changing the saturation by 10% instead.

93.2570, 61.0053,
33.1006

93.2570, 61.0053,
33.1006

255.0000, 0.0000,
0.0000

61.1370, 63.0365,
34.9599

147.5150, 52.9901,
37.2593

39.5830, 59.8586,
27.5527

172.3340, 40.7543,
41.8031

25.7410, 53.3717,
8.1201

198.0390, 28.0818,
46.4468

12.3120, 47.1742,
-10.7976

215.6710, 19.3892,
34.4915

9.3480, 35.8174,
-8.1982

232.6940, 10.9969,
19.5624

9.5470, 23.8873,
-8.3727

249.7170, 2.6045,

5.1640, 14.7091,

4.6332

-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 93.2570, 61.0053,
33.1006

■ 93.2570, 61.0053,
33.1006

■ 77.0540, 68.9934,
37.6636

■ 109.4600, 53.0172,
28.5376

■ 61.4380, 76.6921,
41.7119

■ 125.0760, 45.3185,
24.4893

■ 56.1330, 79.3074,
42.8564

■ 141.5780, 37.1830,
20.5411

■ 157.7810, 29.1950,
15.9781

■ 173.9840, 21.2069,
11.4150

■ 189.6000, 13.5082,
7.3668

■ 205.8030, 5.5201,
2.8038

■ 222.0060, -2.4680,
-1.7593

■ 237.9210,
-10.3141, -5.1927

Harmonies

Analogous

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



87.7700, 82.4444, -76.9743



93.2570, 61.0053, 33.1006



78.7650, 34.1329, 112.4621

Triad

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



93.2570, 61.0053, 33.1006



90.9680, -44.8472, 57.9101



88.6680, 19.8837, -77.7618

Complementary

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



93.2570, 61.0053, 33.1006



173.7430, -61.0053, -33.1006

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.



77.8040, -16.6654, -68.2341



93.2570, 61.0053, 33.1006



88.5450, -43.6527, 1.2760

Square

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



93.2570, 61.0053, 33.1006



60.9960, -30.0710, 125.4145



69.2660, -34.1481, -60.7463



97.8050, 52.3541, -85.7750

Rectangle

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



93.2570, 61.0053, 33.1006



78.2190, 8.7660, 128.7269



69.2660, -34.1481, -60.7463



85.5900, 8.0901, -75.0624

Sweetspot

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



93.2570, 61.0053, 33.1006



211.3970, 21.4963, 11.9298



119.5200, 48.0576, -60.9690



101.1870, 13.2188, 6.8520



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.



93.2570, 61.0053, 33.1006



80.8760, 85.8431, 46.5897



118.0740, 48.7705, 84.1271



101.7490, 4.0677, 1.9741



44.8380, 63.1839, 34.3451



11.8220, 16.8498, 8.9261

Inverse Universe

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



109.7370, 12.9477, 94.0697



104.0590, 18.2119, 132.3753



148.9260, -48.7705, -84.1271



102.8590, 0.5625, 6.2627



61.8730, 13.3736, 97.4584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 93.2570, 61.0053, 33.1006 looks on a white background.

Color Contrast Check

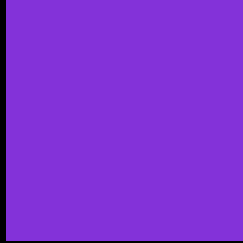
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.2570, 61.0053, 33.1006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

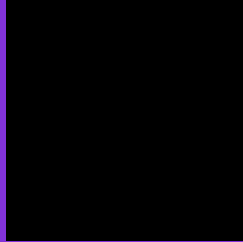
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.2570, 61.0053, 33.1006

Background



This preview shows how black text looks on a background with the YUV color 93.2570, 61.0053, 33.1006.



This preview shows how white text looks on a background with the YUV color 93.2570, 61.0053,

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

93.2570, 61.0053, 33.1006

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.3080, 46.1902, -68.6761



Tritanopia

98.5000, 1.7255, 6.5775

Trichromacy



Original Color

93.2570, 61.0053, 33.1006

Protanomaly

83.6220, 60.3324, -31.2405

Deuteranomaly

83.9180, 51.3124, -31.5001

Tritanomaly

96.5870, 23.3746, 16.1482

Monochromacy



Original Color

93.2570, 61.0053, 33.1006

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9240, 22.2225, 12.3447

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2570, 61.0053, 33.1006 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(131, 50, 217)` looks like.

```
.text, #text, p{  
    color:rgb(131, 50, 217)  
}
```

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(131, 50, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 50, 217) }
```

Border

The CSS property to change the border of an element to YUV 93.2570, 61.0053, 33.1006 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(131, 50, 217) }
```


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

```
.border{ border-color:rgb(131, 50, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 50, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 50, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 50, 217);  
box-shadow:4px 4px 4px 4px rgb(131, 50,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 93.2570, 61.0053, 33.1006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 50, 217) }
```

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

```
.background{ background-color: rgb(131, 50,  
217) }
```

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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