

Converting Colors

YUV(55.1430, 16.6915, 13.0296)

Have a look what the booklet for
YUV(55.1430, 16.6915, 13.0296)
contains.

YUV(55.1430, 16.6915, 13.0296)	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(55.1430, 16.6915,
13.0296)**

Conversions

Conversions Part 1

Format	Color
Hex	462959
RGB	70, 41, 89
RGB Percent	27%, 16%, 35%
CMY	0.7255, 0.8392, 0.6510
CMYK	0.21, 0.54, 0.00, 0.65
HSL	276°, 37%, 25%
HSV	276°, 54%, 35%
XYZ	5.1219, 3.6092, 9.8779
YIQ	55.1430, 1.8760, 21.0760

Conversions

Conversions Part 2

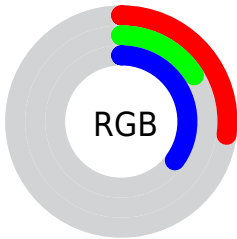
Format	Color
R_YB	70, 41, 89
Decimal	4598105
CIE Lab	22.34, 23.62, -23.77
CIE LCh	22, 33.511, 314.817
Yxy	3.6092, 0.2752, 0.1940
Android (android.graphics.Color)	4282788185 (0xFF462959)
YUV	55.1430, 16.6915, 13.0296
Hunter-Lab	18.9980, 14.8775, -17.5289




Details

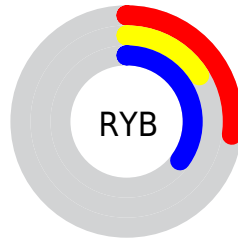
The YUV color **55.1430, 16.6915, 13.0296** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74.8570, -16.6915, -13.0296**, and the grayscale version is **55.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **102.7950, 17.8491, 15.0888**, and **12.9750, 14.8023, 12.2999** is the 20% darker color. If you saturate the color by 10%, you get **48.6640, 19.8856, 15.2037**, and if you desaturate by 10%, it is **61.6220, 13.4974, 10.8555**.

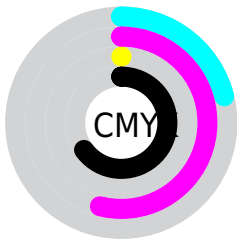
Distribution







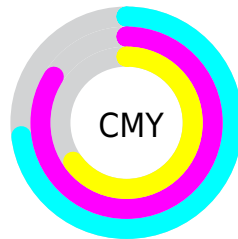
-  Red (27%)
-  Green (16%)
-  Blue (35%)






-  Red (27%)
-  Yellow (16%)
-  Blue (35%)



-  Cyan (21%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (73%)
-  Magenta (84%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.1430, 16.6915, 13.0296 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 55.1430, 16.6915, 13.0296 by changing the saturation by 10% instead.

■ 55.1430, 16.6915,
13.0296

■ 55.1430, 16.6915,
13.0296

■ 255.0000, 0.0000,
0.0000

■ 32.6160, 15.9653,
12.6148

■ 102.7950, 17.8491,
15.0888

■ 12.9750, 14.8023,
12.2999

■ 128.3220, 18.5753,
15.5036

■ 3.0950, 9.3202,
-2.7143

■ 154.7350, 18.8646,
16.0184

■ 0.0000, 0.0000,
0.0000

■ 181.2620, 19.5908,
16.4332

■ 209.0880, 20.1696,
17.4628

■ 233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

55.1430, 16.6915,
13.0296

55.1430, 16.6915,
13.0296

48.6640, 19.8856,
15.2037

61.6220, 13.4974,
10.8555

42.4840, 22.9324,
17.9925

67.8020, 10.4506,
8.0666

36.0050, 26.1265,
20.1666

74.2810, 7.2565,
5.8926

29.8250, 29.1733,
22.9555

80.4610, 4.2097,
3.1037

26.2920, 30.9150,
24.2999

86.9400, 1.0156,
0.9296

■ 92.5330, -1.7418,
-1.3444

■ 99.0120, -4.9359,
-3.5185

■ 105.1920, -7.9827,
-6.3074

■ 111.6710,
-11.1768, -8.4815

Harmonies

Analogous

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



49.3280, 25.9673, -22.2127



55.1430, 16.6915, 13.0296



52.7560, 7.0223, 34.4170

Triad

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



55.1430, 16.6915, 13.0296



50.9000, -25.0937, 22.0127



45.5650, 9.5815, -39.9605

Complementary

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



55.1430, 16.6915, 13.0296



74.8570, -16.6915, -13.0296

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.



42.0140, -1.4859, -36.8463



55.1430, 16.6915, 13.0296



49.0180, -24.1659, 4.3692

Square

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



55.1430, 16.6915, 13.0296



51.0940, -15.8223, 34.9976



44.6930, -14.6386, -18.1478



47.6000, 19.9172, -41.7452

Rectangle

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



55.1430, 16.6915, 13.0296



51.1390, -0.5615, 40.2201



44.6930, -14.6386, -18.1478



44.6530, 6.0871, -39.1607

Sweetspot

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



55.1430, 16.6915, 13.0296



101.4550, 6.6777, 4.8630



57.6250, 15.4679, -14.5801



51.0480, 3.9203, 2.5889



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



55.1430, 16.6915, 13.0296



62.0050, 26.1265, 20.1666



60.2540, 11.7068, 25.2102



40.3530, 1.3050, 1.4444



31.6330, 37.1559, 29.2629



69.2480, 81.7157, 63.8035

Inverse Universe

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



57.5180, 1.2236, 27.6097



65.8450, 2.0484, 43.1089



69.7460, -11.7068, -25.2102



40.4240, 0.2840, 2.2592



36.7810, 2.5730, 61.5821



80.8670, 5.9816, 135.1746

Previews

White Background



This preview shows how the YUV color 55.1430, 16.6915, 13.0296 looks on a white background.

Color Contrast Check

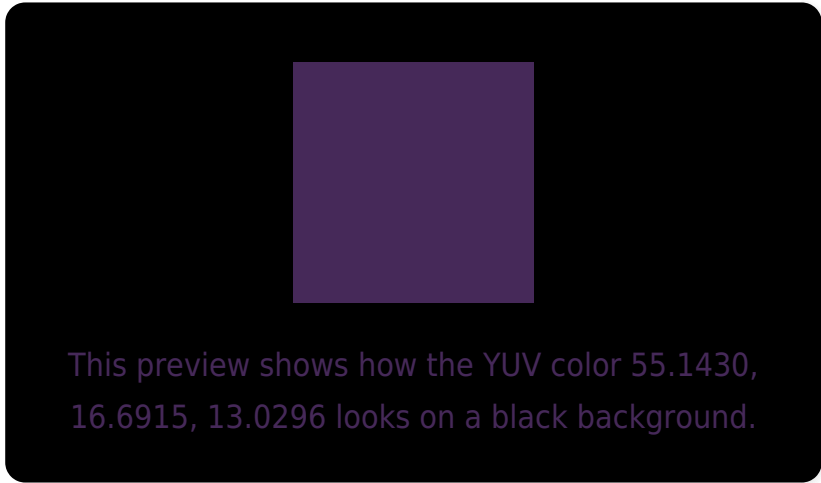
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 55.1430, 16.6915, 13.0296

Background



This preview shows how black text looks on a background with the YUV color 55.1430, 16.6915, 13.0296.



This preview shows how white text looks on a background with the YUV color 55.1430, 16.6915,

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

55.1430, 16.6915, 13.0296

Protanopia

50.5950, 24.3567, -18.9388

Deuteranopia

51.9670, 16.7783, -14.8801



Tritanopia

54.6420, -0.3165, 8.2070

Trichromacy



Original Color

55.1430, 16.6915, 13.0296

Protanomaly

52.2760, 21.5559, -7.2581

Deuteranomaly

53.0330, 16.7457, -4.4139

Tritanomaly

54.9610, 5.9352, 9.6812

Monochromacy



Original Color

55.1430, 16.6915, 13.0296

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1430, 16.6915, 13.0296 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(70, 41, 89)` looks like.

```
.text, #text, p{  
    color:rgb(70, 41, 89)  
}
```

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(70, 41, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 41, 89) }
```

Border

The CSS property to change the border of an element to YUV 55.1430, 16.6915, 13.0296 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(70, 41, 89) }
```


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

```
.border{ border-color:rgb(70, 41, 89) }
```

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

Here you see how a box with a 4 pixel rgb(70, 41, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 41, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 41, 89);  
box-shadow:4px 4px 4px 4px rgb(70, 41, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.1430, 16.6915, 13.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 41, 89) }
```

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

```
.background{ background-color: rgb(70, 41,  
89) }
```

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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