

Converting Colors

YUV(87.2970, 46.6886, 5.0015)

Have a look what the booklet for
YUV(87.2970, 46.6886, 5.0015)
contains.

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Color

**YUV(87.2970, 46.6886,
5.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	5D42B6
RGB	93, 66, 182
RGB Percent	36%, 26%, 71%
CMY	0.6353, 0.7412, 0.2863
CMYK	0.49, 0.64, 0.00, 0.29
HSL	254°, 47%, 49%
HSV	254°, 64%, 71%
XYZ	14.9059, 9.6010, 45.3235
YIQ	87.2970, -21.1440, 41.8000

Conversions

Conversions Part 2

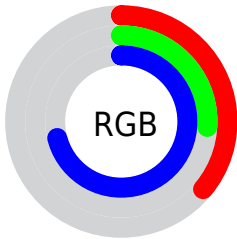
Format	Color
R_{YB}	93, 66, 182
Decimal	6111926
CIE _{Lab}	37.12, 40.68, -57.75
CIE _{LCh}	37, 70.643, 305.164
Yxy	9.6010, 0.2135, 0.1375
Android (android.graphics.Color)	4284302006 (0xFF5D42B6)
YUV	87.2970, 46.6886, 5.0015
Hunter-Lab	30.9855, 31.6450, -65.0358

Details

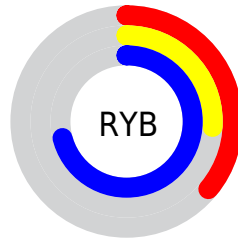
The YUV color **87.2970, 46.6886, 5.0015** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **160.7030, -46.6886, -5.0015**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6010, 49.0037, 9.1199**, and **35.0140, 45.8421, -3.5203** is the 20% darker color. If you saturate the color by 10%, you get **72.5450, 53.9613, 5.6610**, and if you desaturate by 10%, it is **102.0490, 39.4158, 4.3420**.

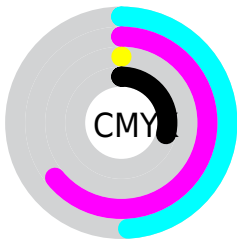
Distribution



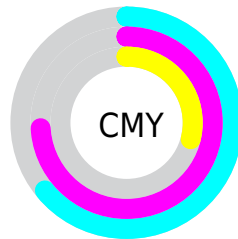
- Red (36%)
- Green (26%)
- Blue (71%)



- Red (36%)
- Yellow (26%)
- Blue (71%)



- Cyan (49%)
- Magenta (64%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (74%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2970, 46.6886, 5.0015 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 87.2970, 46.6886, 5.0015 by changing the saturation by 10% instead.

■ 87.2970, 46.6886,
5.0015

■ 87.2970, 46.6886,
5.0015

■ 255.0000, 0.0000,
0.0000

■ 62.0470, 45.8258,
1.7128

■ 139.6010, 49.0037,
9.1199

■ 35.0140, 45.8421,
-3.5203

■ 165.0590, 44.3409,
11.3493

■ 11.6280, 44.5534,
-10.1978

■ 189.8780, 32.1051,
15.8930

■ 8.7780, 33.6334,
-7.6983

■ 214.9850, 19.7274,
19.3072

■ 8.9770, 21.7033,
-7.8728

■ 236.8030, 8.9711,
15.9588

■ 4.7080, 12.9620,
-4.1289

■ 253.8260, 0.5788,

■ 0.3420, 1.3104,

1.0296

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 87.2970, 46.6886,
5.0015

■ 87.2970, 46.6886,
5.0015

■ 72.5450, 53.9613,
5.6610

■ 102.0490, 39.4158,
4.3420

■ 57.7930, 61.2341,
6.3205

■ 116.8010, 32.1431,
3.6825

■ 42.4540, 68.7962,
7.4948

■ 132.1400, 24.5810,
2.5082

■ 33.3060, 73.3061,
7.6246

■ 146.8920, 17.3082,
1.8487

■ 161.6440, 10.0355,
1.1892

■ 176.3960, 2.7628,
0.5297

■ 191.1480, -4.5100,
-0.1298

■ 206.4870,
-12.0721, -1.3041

■ 221.2390,
-19.3448, -1.9636

Harmonies

Analogous

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



77.1460, 62.0460, -67.6570



87.2970, 46.6886, 5.0015



72.1490, 31.4785, 77.0453

Triad

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



87.2970, 46.6886, 5.0015



81.2110, -40.0370, 55.0660



75.5140, 10.0996, -66.2258

Complementary

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



87.2970, 46.6886, 5.0015



160.7030, -46.6886, -5.0015

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.



66.7990, -15.6769, -58.5827



87.2970, 46.6886, 5.0015



81.8440, -40.3491, 15.0458

Square

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



87.2970, 46.6886, 5.0015



66.5020, -20.9535, 94.2757



68.8550, -33.9455, -32.3218



81.8980, 34.5603, -71.8245

Rectangle

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



87.2970, 46.6886, 5.0015



64.8070, 16.8571, 100.1473



68.8550, -33.9455, -32.3218



72.6470, 1.6530, -63.7114

Sweetspot

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



87.2970, 46.6886, 5.0015



200.4190, 18.0344, 2.2635



132.6410, 24.3340, -58.4442



97.2850, 11.1985, 1.5041



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



87.2970, 46.6886, 5.0015



90.0780, 72.4325, 7.8246



104.0410, 38.4338, 39.4290



84.6240, 3.6364, 0.3298



28.5480, 62.8338, 6.5354



5.2850, 11.1985, 1.5041

Inverse Universe

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



110.8300, 21.7758, 62.4161



126.5520, 33.7449, 96.8629



143.9590, -38.4338, -39.4290



86.4890, 1.7309, 4.8331



60.2100, 28.9835, 84.0078



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 87.2970, 46.6886, 5.0015 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 87.2970, 46.6886, 5.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

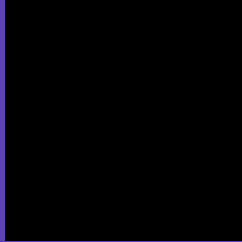
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2970, 46.6886, 5.0015

Background



This preview shows how black text looks on a background with the YUV color 87.2970, 46.6886, 5.0015.



This preview shows how white text looks on a background with the YUV color 87.2970, 46.6886,

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

87.2970, 46.6886, 5.0015

Protanopia

69.6000, 53.4412, -61.0392

Deuteranopia

69.9130, 41.9479, -61.3137



Tritanopia

85.2200, 6.3005, -14.2249

Trichromacy



Original Color

87.2970, 46.6886, 5.0015

Protanomaly

75.7710, 50.8919, -36.6332

Deuteranomaly

76.5230, 43.6192, -37.2927

Tritanomaly

86.1620, 21.1191, -7.1581

Monochromacy



Original Color

87.2970, 46.6886, 5.0015

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8920, 17.3082, 1.8487

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2970, 46.6886, 5.0015 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(93, 66, 182)` looks like.

```
.text, #text, p{  
    color:rgb(93, 66, 182)  
}
```

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(93, 66, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 66, 182) }
```

Border

The CSS property to change the border of an element to YUV 87.2970, 46.6886, 5.0015 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(93, 66, 182) }
```


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

```
.border{ border-color:rgb(93, 66, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 66, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 66, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 66, 182);  
box-shadow:4px 4px 4px 4px rgb(93, 66,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 87.2970, 46.6886, 5.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 66, 182) }
```

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

```
.background{ background-color: rgb(93, 66,  
182) }
```

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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