

Converting Colors

YUV(127.7430, 26.7487, 7.2414)

Have a look what the booklet for
YUV(127.7430, 26.7487, 7.2414)
contains.

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Color

**YUV(127.7430, 26.7487,
7.2414)**

Conversions

Conversions Part 1

Format	Color
Hex	8871B6
RGB	136, 113, 182
RGB Percent	53%, 44%, 71%
CMY	0.4667, 0.5569, 0.2863
CMYK	0.25, 0.38, 0.00, 0.29
HSL	260°, 32%, 58%
HSV	260°, 38%, 71%
XYZ	24.5020, 20.4219, 46.9064
YIQ	127.7430, -8.4410, 26.3350

Conversions

Conversions Part 2

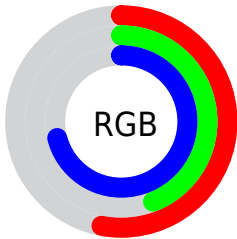
Format	Color
RYB	136, 113, 182
Decimal	8942006
CIELab	52.31, 23.77, -33.27
CIELCh	52, 40.893, 305.547
Yxy	20.4219, 0.2668, 0.2224
Android (android.graphics.Color)	4287132086 (0xFF8871B6)
YUV	127.7430, 26.7487, 7.2414
Hunter-Lab	45.1906, 17.6977, -29.9077

Details

The YUV color **127.7430, 26.7487, 7.2414** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **167.2570, -26.7487, -7.2414**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0960, 28.0537, 8.6858**, and **77.9770, 25.1543, 5.2822** is the 20% darker color. If you saturate the color by 10%, you get **113.5890, 33.7266, 9.1304**, and if you desaturate by 10%, it is **141.8970, 19.7708, 5.3523**.

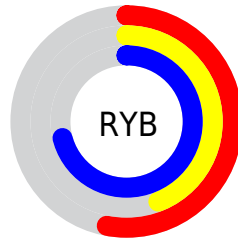
Distribution



Red (53%)

Green (44%)

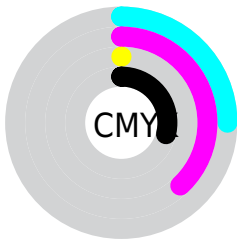
Blue (71%)



Red (53%)

Yellow (44%)

Blue (71%)

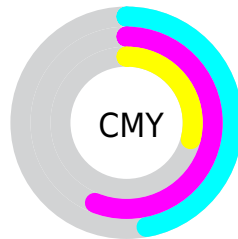


Cyan (25%)

Magenta (38%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7430, 26.7487, 7.2414 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 127.7430, 26.7487, 7.2414 by changing the saturation by 10% instead.

■ 127.7430, 26.7487,
7.2414

■ 127.7430, 26.7487,
7.2414

■ 255.0000, 0.0000,
0.0000

■ 102.2160, 26.0225,
6.8266

■ 181.0960, 28.0537,
8.6858

■ 77.9770, 25.1543,
5.2822

■ 207.2550, 23.5383,
10.3004

■ 54.0370, 24.1388,
4.3526

■ 232.3620, 11.1605,
13.7145

■ 31.7980, 23.2706,
2.8082

■ 251.4780, 1.7363,
3.0888

■ 10.5700, 22.3970,
3.0081

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,

-0.6998

0.0000, 0.0000,
0.0000

127.7430, 26.7487,
7.2414

127.7430, 26.7487,
7.2414

113.5890, 33.7266,
9.1304

141.8970, 19.7708,
5.3523

99.4350, 40.7045,
11.0195

156.0510, 12.7929,
3.4633

84.6940, 47.9719,
13.4234

170.7920, 5.5255,
1.0594

70.2410, 55.0972,
14.6976

185.2450, -1.5998,
-0.2149

56.0870, 62.0751,
16.5867

199.3990, -8.5777,
-2.1039

41.9330, 69.0530,
18.4758

213.5530,
-15.5556, -3.9930

38.9870, 70.5054,
19.3054

227.7070,
-22.5336, -5.8820

240.1000,
-28.6433, -6.2267

243.6880,
-30.4122, 1.1506

Harmonies

Analogous

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



118.5030, 37.2200, -38.1521



127.7430, 26.7487, 7.2414



127.9830, 12.8264, 39.4799

Triad

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



127.7430, 26.7487, 7.2414



123.8160, -30.9683, 39.6264



98.7610, 15.4008, -86.6134

Complementary

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



127.7430, 26.7487, 7.2414



167.2570, -26.7487, -7.2414

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.



108.7430, -7.2683, -48.8866



127.7430, 26.7487, 7.2414



120.8640, -33.9500, 15.9053

Square

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



127.7430, 26.7487, 7.2414



124.4170, -18.9396, 54.8853



117.1530, -25.7114, -13.2892



101.5770, 31.2675, -89.0830

Rectangle

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



127.7430, 26.7487, 7.2414



126.7260, 2.6001, 52.8603



117.1530, -25.7114, -13.2892



96.8060, 10.4486, -84.8989

Sweetspot

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



127.7430, 26.7487, 7.2414



216.6550, 10.0301, 2.9336



147.8680, 16.8271, -30.5792



107.3190, 6.2517, 1.4742



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.



127.7430, 26.7487, 7.2414



152.9620, 41.4307, 11.4343



138.2080, 21.5895, 28.7586



84.9230, 3.4890, 0.9445



33.3320, 60.4753, 16.3718



5.8830, 10.9037, 2.7336

Inverse Universe

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



138.8750, 9.9216, 37.8206



170.2010, 15.6769, 58.5827



156.7920, -21.5895, -28.7586



86.3750, 1.2941, 4.9331



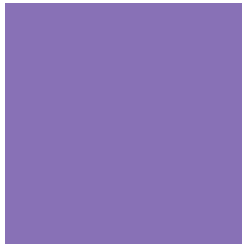
58.5000, 22.4315, 85.5075



10.5380, 4.1718, 15.3142

Previews

White Background



This preview shows how the YUV color 127.7430, 26.7487, 7.2414 looks on a white background.

Color Contrast Check

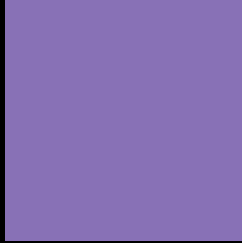
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7430, 26.7487, 7.2414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

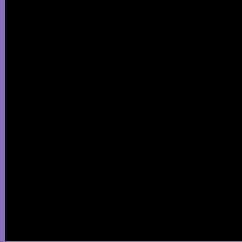
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.7430, 26.7487, 7.2414

Background



This preview shows how black text looks on a background with the YUV color 127.7430, 26.7487, 7.2414.



This preview shows how white text looks on a background with the YUV color 127.7430, 26.7487, 7.2414.

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

127.7430, 26.7487, 7.2414

Protanopia

124.0600, 32.5084, -20.2236

Deuteranopia

124.1050, 27.5562, -18.5091



Tritanopia

125.3360, 3.7784, 1.4593

Trichromacy



Original Color

127.7430, 26.7487, 7.2414

Protanomaly

125.2570, 30.4393, -9.8724

Deuteranomaly

125.4590, 27.3817, -9.1725

Tritanomaly

125.9370, 12.3561, 3.5633

Monochromacy



Original Color

127.7430, 26.7487, 7.2414

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2420, 9.7407, 2.4188

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7430, 26.7487, 7.2414 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(136, 113, 182)` looks like.

```
.text, #text, p{  
    color:rgb(136, 113, 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(136, 113, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 113, 182) }
```

Border

The CSS property to change the border of an element to YUV 127.7430, 26.7487, 7.2414 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(136, 113, 182) }
```


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

```
.border{ border-color:rgb(136, 113, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 113, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 113, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 113, 182);  
box-shadow:4px 4px 4px 4px rgb(136, 113,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 127.7430, 26.7487, 7.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 113, 182) }
```

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

```
.background{ background-color: rgb(136,  
113, 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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