

Converting Colors

YUV(86.4580, 22.4522, 32.0473)

Have a look what the booklet for
YUV(86.4580, 22.4522, 32.0473)
contains.

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Color

**YUV(86.4580, 22.4522,
32.0473)**

Conversions

Conversions Part 1

Format	Color
Hex	7B3B84
RGB	123, 59, 132
RGB Percent	48%, 23%, 52%
CMY	0.5176, 0.7686, 0.4824
CMYK	0.07, 0.55, 0.00, 0.48
HSL	293°, 38%, 37%
HSV	293°, 55%, 52%
XYZ	13.8972, 9.0048, 22.8354
YIQ	86.4580, 14.7110, 36.2710

Conversions

Conversions Part 2

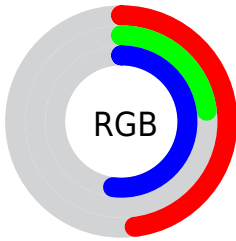
Format	Color
R_{YB}	123, 59, 132
Decimal	8076164
CIE _{Lab}	35.99, 39.30, -29.18
CIE _{LCh}	36, 48.950, 323.404
Yxy	9.0048, 0.3038, 0.1969
Android (android.graphics.Color)	4286266244 (0xFF7B3B84)
YUV	86.4580, 22.4522, 32.0473
Hunter-Lab	30.0080, 30.1521, -24.1127

Details

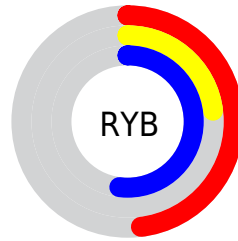
The YUV color **86.4580, 22.4522, 32.0473** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **104.5420, -22.4522, -32.0473**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9960, 23.1730, 34.2065**, and **34.3980, 23.4678, 32.9770** is the 20% darker color. If you saturate the color by 10%, you get **78.2290, 26.5091, 37.5102**, and if you desaturate by 10%, it is **94.6870, 18.3953, 26.5845**.

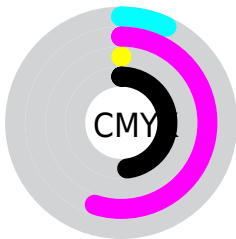
Distribution



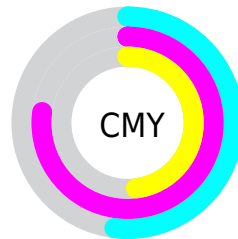
- Red (48%)
- Green (23%)
- Blue (52%)



- Red (48%)
- Yellow (23%)
- Blue (52%)



- Cyan (7%)
- Magenta (55%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (77%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4580, 22.4522, 32.0473 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 86.4580, 22.4522, 32.0473 by changing the saturation by 10% instead.

86.4580, 22.4522,
32.0473

86.4580, 22.4522,
32.0473

255.0000, 0.0000,
0.0000

61.1590, 22.5996,
31.4326

137.9960, 23.1730,
34.2065

34.3980, 23.4678,
32.9770

165.4090, 23.4624,
34.7213

20.7790, 18.8430,
22.9958

192.6480, 24.3305,
36.2657

11.3940, 12.6238,
11.0555

216.8450, 18.8104,
33.4619

1.3680, 5.2416,
-1.1997

233.2810, 10.7075,
19.0476

0.0000, 0.0000,
0.0000

250.3040, 2.3151,

4.1184

■ 86.4580, 22.4522,
32.0473

■ 86.4580, 22.4522,
32.0473

■ 78.2290, 26.5091,
37.5102

■ 94.6870, 18.3953,
26.5845

■ 70.2990, 30.4186,
43.5878

■ 102.6170, 14.4858,
20.5069

■ 61.4830, 34.7649,
49.5654

■ 111.4330, 10.1395,
14.5293

■ 53.2540, 38.8218,
55.0282

■ 119.6620, 6.0826,
9.0664

■ 49.7320, 40.5581,
58.1170

■ 127.5920, 2.1731,
2.9888

■ 135.8210, -1.8838,
-2.4740

■ 143.7510, -5.7932,
-8.5516

■ 152.5670,
-10.1395, -14.5293

■ 160.7960,
-14.1964, -19.9921

Harmonies

Analogous

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



83.1190, 36.4233, -15.8904



86.4580, 22.4522, 32.0473



80.9210, 6.9409, 60.5823

Triad

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



86.4580, 22.4522, 32.0473



79.8500, -39.3660, 26.4416



72.9840, 20.7139, -64.0070

Complementary

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



86.4580, 22.4522, 32.0473



104.5420, -22.4522, -32.0473

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.



68.3100, 2.8052, -59.9079



86.4580, 22.4522, 32.0473



75.8310, -37.3847, -2.4828

Square

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



86.4580, 22.4522, 32.0473



80.5230, -29.8378, 50.4073



64.0820, -14.8304, -50.0609



75.4580, 35.2702, -66.1767

Rectangle

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



86.4580, 22.4522, 32.0473



79.1530, -5.0054, 65.6408



64.0820, -14.8304, -50.0609



71.5020, 15.0355, -62.7073

Sweetspot

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



86.4580, 22.4522, 32.0473



152.7810, 8.9820, 12.4701



73.1920, 28.9923, -12.4464



75.8360, 5.5039, 8.0368



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



86.4580, 22.4522, 32.0473



100.4830, 34.7649, 49.5654



86.0710, 9.3320, 40.2797



62.1790, 1.8838, 2.4740



48.9060, 39.9793, 57.0874



0.9400, 1.0156, 0.9296

Inverse Universe

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



81.8530, -6.8295, 43.9789



93.3830, -10.5418, 68.0701



104.9290, -9.3320, -40.2797



61.7940, -0.8844, 3.6887



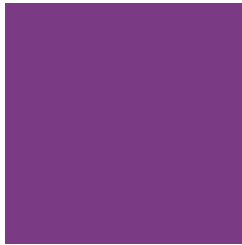
40.6940, -12.1741, 78.3214



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 86.4580, 22.4522, 32.0473 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 86.4580, 22.4522, 32.0473 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 86.4580, 22.4522, 32.0473

Background



This preview shows how black text looks on a background with the YUV color 86.4580, 22.4522, 32.0473.



This preview shows how white text looks on a background with the YUV color 86.4580, 22.4522,

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

86.4580, 22.4522, 32.0473

Protanopia

81.5260, 35.7297, -26.7713

Deuteranopia

84.1070, 21.1462, -15.8798



Tritanopia

86.4270, -4.1545, 25.9355

Trichromacy



Original Color

86.4580, 22.4522, 32.0473

Protanomaly

83.1050, 31.0072, -5.3541

Deuteranomaly

85.3310, 21.5288, 1.4637

Tritanomaly

86.6690, 5.5862, 28.3543

Monochromacy



Original Color

86.4580, 22.4522, 32.0473

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9550, 8.4032, 11.4405

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4580, 22.4522, 32.0473 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(123, 59, 132)` looks like.

```
.text, #text, p{  
    color:rgb(123, 59, 132)  
}
```

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(123, 59, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 59, 132) }
```

Border

The CSS property to change the border of an element to YUV 86.4580, 22.4522, 32.0473 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(123, 59, 132) }
```


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

```
.border{ border-color:rgb(123, 59, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 59, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 59, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 59, 132);  
box-shadow:4px 4px 4px 4px rgb(123, 59,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 86.4580, 22.4522, 32.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 59, 132) }
```

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

```
.background{ background-color: rgb(123, 59,  
132) }
```

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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