

Converting Colors

YUV(160.0820, 32.9906,
58.6871)

Have a look what the booklet for
YUV(160.0820, 32.9906, 58.6871)
contains.

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Color

**YUV(160.0820, 32.9906,
58.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	E371E3
RGB	227, 113, 227
RGB Percent	89%, 44%, 89%
CMY	0.1098, 0.5569, 0.1098
CMYK	0.00, 0.50, 0.00, 0.11
HSL	300°, 67%, 67%
HSV	300°, 50%, 89%
XYZ	51.4488, 33.6872, 76.4637
YIQ	160.0820, 31.3500, 59.6220

Conversions

Conversions Part 2

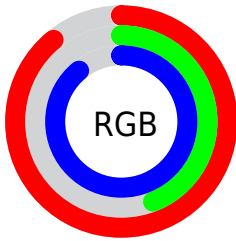
Format	Color
R _Y B	227, 113, 227
Decimal	14905827
CIE Lab	64.71, 59.59, -38.61
CIE LCh	65, 71.001, 327.058
Yxy	33.6872, 0.3184, 0.2085
Android (android.graphics.Color)	4293095907 (0xFFE371E3)
YUV	160.0820, 32.9906, 58.6871
Hunter-Lab	58.0407, 56.6560, -37.4811

Details

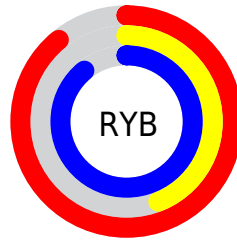
The YUV color **160.0820, 32.9906, 58.6871** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **179.9180, -32.9906, -58.6871**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5180, 24.8876, 44.2727**, and **103.4840, 33.2854, 57.4575** is the 20% darker color. If you saturate the color by 10%, you get **146.5810, 39.6466, 70.5275**, and if you desaturate by 10%, it is **173.5830, 26.3346, 46.8467**.

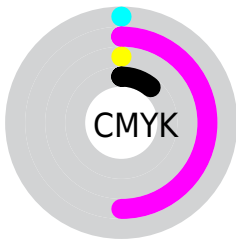
Distribution



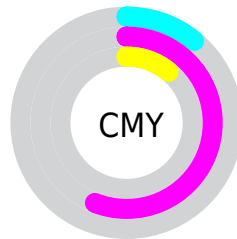
- Red (89%)
- Green (44%)
- Blue (89%)



- Red (89%)
- Yellow (44%)
- Blue (89%)



- Cyan (0%)
- Magenta (50%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (56%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.0820, 32.9906, 58.6871 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 160.0820, 32.9906, 58.6871 by changing the saturation by 10% instead.


 160.0820, 32.9906,
58.6871


 160.0820, 32.9906,
58.6871


255.0000, 0.0000,
0.0000


 131.7830, 33.1380,
58.0723


 204.5180, 24.8876,
44.2727


 103.4840, 33.2854,
57.4575


 220.9540, 16.7847,
29.8583

 73.2500, 34.8798,
59.4168

 237.9770, 8.3923,
14.9292

 47.2390, 34.8852,
57.6724

 36.3160, 27.9452,
43.5729

 25.8060, 21.2946,
29.9881

 15.7090, 14.9335,

16.9182

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 160.0820, 32.9906,
58.6871

■ 160.0820, 32.9906,
58.6871

■ 146.5810, 39.6466,
70.5275

■ 173.5830, 26.3346,
46.8467

■ 133.6670, 46.0132,
81.8530

■ 186.4970, 19.9680,
35.5211

■ 120.1660, 52.6692,
93.6934

■ 199.9980, 13.3120,
23.6808

■ 106.6650, 59.3252,
105.5338

■ 213.4990, 6.6560,
11.8404

■ 93.7510, 65.6918,
116.8594

■ 227.0000, 0.0000,
0.0000

■ 239.9140, -6.3666,
-11.3256

■ 243.4360, -8.1029,
-14.4144

Harmonies

Analogous

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



155.7680, 48.9214, -11.1975



160.0820, 32.9906, 58.6871



149.1730, 8.2957, 92.8103

Triad

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



160.0820, 32.9906, 58.6871



146.9310, -72.4370, 40.4025



133.4640, 39.2112, -117.0479

Complementary

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



160.0820, 32.9906, 58.6871



179.9180, -32.9906, -58.6871

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.



126.0540, 10.8194, -110.5494



160.0820, 32.9906, 58.6871



141.3530, -59.3340, -9.0796

Square

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



160.0820, 32.9906, 58.6871



151.0800, -51.3114, 77.9828



119.4110, -17.4576, -94.1994



134.7300, 59.2931, -118.1582

Rectangle

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



160.0820, 32.9906, 58.6871



145.5590, -10.6286, 95.9798



119.4110, -17.4576, -94.1994



131.0700, 30.0385, -114.9484

Sweetspot

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



160.0820, 32.9906, 58.6871



232.6940, 10.9969, 19.5624



125.9960, 49.7950, -11.3975



114.4990, 6.6560, 11.8404



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.



160.0820, 32.9906, 58.6871



165.1890, 44.2768, 78.7642



153.5840, 8.0931, 64.3858



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Inverse Universe

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



160.0820, 32.9906, 58.6871



165.1890, 44.2768, 78.7642



186.4160, -8.0931, -64.3858



107.9560, 3.4727, 6.1776



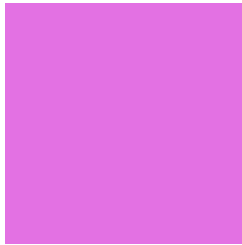
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 160.0820, 32.9906, 58.6871 looks on a white background.

Color Contrast Check

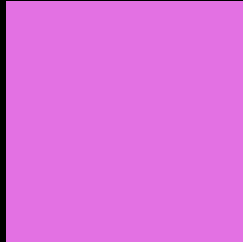
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 160.0820, 32.9906, 58.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

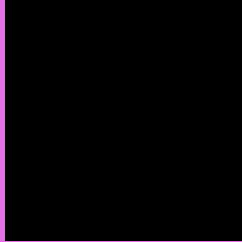
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.0820, 32.9906, 58.6871 Background



This preview shows how black text looks on a background with the YUV color 160.0820, 32.9906, 58.6871.



This preview shows how white text looks on a background with the YUV color 160.0820, 32.9906,

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

160.0820, 32.9906, 58.6871

Protanopia

154.4510, 49.5707, -32.8445

Deuteranopia

156.6150, 30.7558, -18.0794



Tritanopia

159.2560, -8.0142, 50.6415

Trichromacy



Original Color

160.0820, 32.9906, 58.6871



Protanomaly

156.4660, 43.6473, 0.4683



Deuteranomaly

158.0190, 31.5426, 9.6303



Tritanomaly

159.8770, 6.9626, 53.6049

Monochromacy



Original Color

160.0820, 32.9906, 58.6871



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.9330, 11.8650, 21.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.0820, 32.9906, 58.6871 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(227, 113, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 113, 227)  
}
```

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(227, 113, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 113, 227) }
```

Border

The CSS property to change the border of an element to YUV 160.0820, 32.9906, 58.6871 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(227, 113, 227) }
```


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

```
.border{ border-color:rgb(227, 113, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 113, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 113, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 113, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 113,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 160.0820, 32.9906, 58.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 113, 227) }
```

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

```
.background{ background-color: rgb(227,  
113, 227) }
```

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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