

Converting Colors

YUV(64.6280, 24.8334, 61.7162)

Have a look what the booklet for
YUV(64.6280, 24.8334, 61.7162)
contains.

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Color

**YUV(64.6280, 24.8334,
61.7162)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 871373 |
| RGB | 135, 19, 115 |
| RGB Percent | 53%, 7%, 45% |
| CMY | 0.4706, 0.9255, 0.5490 |
| CMYK | 0.00, 0.86, 0.15, 0.47 |
| HSL | 310°, 75%, 30% |
| HSV | 310°, 86%, 53% |
| XYZ | 13.3191, 6.8544, 16.8407 |
| YIQ | 64.6280, 38.3200, 54.4480 |

Conversions

Conversions Part 2

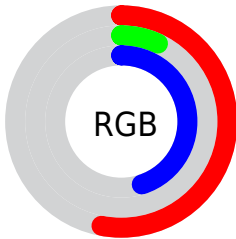
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 135, 19, 115 |
| Decimal | 8852339 |
| CIE _{Lab} | 31.47, 55.08, -25.51 |
| CIE _{LCh} | 31, 60.699, 335.152 |
| Yxy | 6.8544, 0.3598, 0.1852 |
| Android (android.graphics.Color) | 4287042419 (0xFF871373) |
| YUV | 64.6280, 24.8334, 61.7162 |
| Hunter-Lab | 26.1810, 44.9916, -19.8111 |

Details

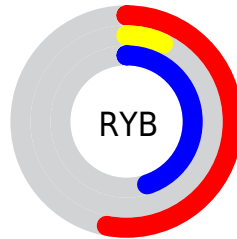
The YUV color **64.6280, 24.8334, 61.7162** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **89.3720, -24.8334, -61.7162**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1070, 21.6392, 59.5422**, and **31.7430, 16.8887, 43.1984** is the 20% darker color. If you saturate the color by 10%, you get **56.7690, 27.7219, 68.6086**, and if you desaturate by 10%, it is **73.0740, 21.6555, 54.3091**.

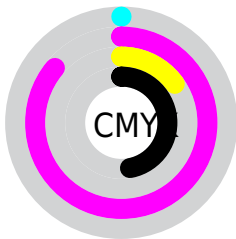
Distribution



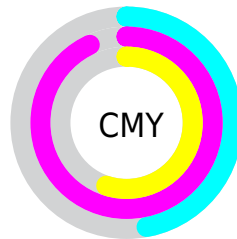
- Red (53%)
- Green (7%)
- Blue (45%)



- Red (53%)
- Yellow (7%)
- Blue (45%)



- Cyan (0%)
- Magenta (86%)
- Yellow (15%)
- Black (47%)



- Cyan (47%)
- Magenta (93%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6280, 24.8334, 61.7162 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 64.6280, 24.8334, 61.7162 by changing the saturation by 10% instead.

64.6280, 24.8334,
61.7162

64.6280, 24.8334,
61.7162

255.0000, 0.0000,
0.0000

42.5520, 23.3919,
57.3979

123.1070, 21.6392,
59.5422

31.7430, 16.8887,
43.1984

151.1180, 21.6338,
61.2865

22.0590, 10.8169,
30.6433

179.4170, 21.4864,
61.9013

10.5810, 5.6296,
14.3995

199.9530, 25.1662,
48.2762

0.0000, 0.0000,
0.0000

217.4320, 18.5210,
32.9471

233.8680, 10.4181,

18.5328

251.4780, 1.7363,
3.0888

64.6280, 24.8334,
61.7162

64.6280, 24.8334,
61.7162

56.7690, 27.7219,
68.6086

73.0740, 21.6555,
54.3091

53.1330, 29.0214,
71.7974

81.0470, 19.2038,
47.3168

89.4930, 16.0260,
39.9096

97.3520, 13.1375,
33.0173

105.9120, 10.3964,
25.5102

■ 113.7710, 7.5079,
18.6178

■ 122.2170, 4.3300,
11.2107

■ 130.1900, 1.8783,
4.2184

■ 138.6360, -1.2995,
-3.1888

Harmonies

Analogous

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



74.2340, 38.8316, 5.0568



64.6280, 24.8334, 61.7162



53.7980, 7.0016, 87.8772

Triad

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



64.6280, 24.8334, 61.7162



69.1410, -34.0865, 13.0313



69.1830, 28.9968, -60.6735

Complementary

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



64.6280, 24.8334, 61.7162



89.3720, -24.8334, -61.7162

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.



63.8250, 8.4673, -55.9745



64.6280, 24.8334, 61.7162



59.7510, -29.4572, -25.2146

Square

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



64.6280, 24.8334, 61.7162



68.7630, -33.9002, 46.6888



56.8370, -13.2306, -49.8460



70.5970, 44.5687, -61.9136

Rectangle

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



64.6280, 24.8334, 61.7162



50.8400, -6.8231, 88.7173



56.8370, -13.2306, -49.8460



68.1740, 22.5922, -59.7886

Sweetspot

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



64.6280, 24.8334, 61.7162



148.0860, 9.8176, 24.4806



37.9050, 47.8678, 0.0833



72.5810, 5.6296, 14.3995



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



64.6280, 24.8334, 61.7162



69.2680, 37.8289, 93.6040



58.1300, -0.0641, 67.4150



62.3640, 1.2995, 3.1888



51.1820, 28.0113, 69.1234



1.1250, 0.4314, 1.6444

Inverse Universe

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



64.6280, 24.8334, 61.7162



69.2680, 37.8289, 93.6040



95.8700, 0.0641, -67.4150



62.3640, 1.2995, 3.1888



51.1820, 28.0113, 69.1234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 64.6280, 24.8334, 61.7162 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 64.6280, 24.8334, 61.7162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

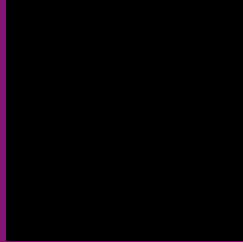
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6280, 24.8334, 61.7162

Background



This preview shows how black text looks on a background with the YUV color 64.6280, 24.8334, 61.7162.



This preview shows how white text looks on a background with the YUV color 64.6280, 24.8334,

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

64.6280, 24.8334, 61.7162

Protanopia

60.6350, 47.0149, -53.1769

Deuteranopia

75.4730, 16.0358, -10.0618



Tritanopia

72.5610, -10.6296, 49.4970

Trichromacy



Original Color

64.6280, 24.8334, 61.7162

Protanomaly

61.8360, 39.0279, -11.2572

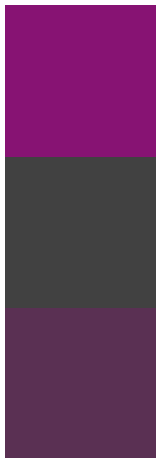
Deuteranomaly

71.8490, 19.3014, 15.9184

Tritanomaly

69.3240, 2.3053, 54.0899

Monochromacy



Original Color

64.6280, 24.8334, 61.7162

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.5480, 9.0968, 22.3214

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6280, 24.8334, 61.7162 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(135, 19, 115)` looks like.

```
.text, #text, p{  
  color:rgb(135, 19, 115)  
}
```

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(135, 19, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 19, 115) }
```

Border

The CSS property to change the border of an element to YUV 64.6280, 24.8334, 61.7162 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(135, 19, 115) }
```


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

```
.border{ border-color:rgb(135, 19, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 19, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 19, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 19, 115); box-shadow:4px 4px 4px 4px rgb(135, 19, 115) }
```

Background

The CSS property to change the background color of an element to YUV 64.6280, 24.8334, 61.7162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 19, 115) }
```

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

```
.background{ background-color: rgb(135, 19,  
115) }
```

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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