

Converting Colors

YUV(63.1380, 28.0330, 62.1460)

Have a look what the booklet for
YUV(63.1380, 28.0330, 62.1460)
contains.

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Color

**YUV(63.1380, 28.0330,
62.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	861078
RGB	134, 16, 120
RGB Percent	53%, 6%, 47%
CMY	0.4745, 0.9373, 0.5294
CMYK	0.00, 0.88, 0.10, 0.47
HSL	307°, 79%, 29%
HSV	307°, 88%, 53%
XYZ	13.4070, 6.7950, 18.3742
YIQ	63.1380, 36.9440, 57.3600

Conversions

Conversions Part 2

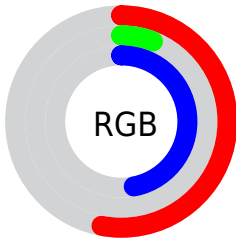
Format	Color
R_{YB}	134, 16, 120
Decimal	8786040
CIE _{Lab}	31.34, 56.24, -28.91
CIE _{LCh}	31, 63.238, 332.797
Yxy	6.7950, 0.3475, 0.1761
Android (android.graphics.Color)	4286976120 (0xFF861078)
YUV	63.1380, 28.0330, 62.1460
Hunter-Lab	26.0672, 46.1892, -23.5453

Details

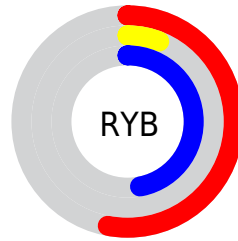
The YUV color **63.1380, 28.0330, 62.1460** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **86.8620, -28.0330, -62.1460**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9050, 24.6968, 58.8423**, and **32.0140, 19.2201, 42.0837** is the 20% darker color. If you saturate the color by 10%, you get **55.2790, 30.9215, 69.0383**, and if you desaturate by 10%, it is **70.9970, 25.1445, 55.2536**.

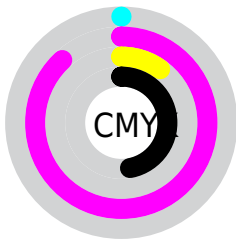
Distribution



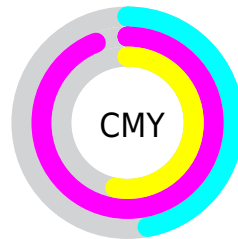
- Red (53%)
- Green (6%)
- Blue (47%)



- Red (53%)
- Yellow (6%)
- Blue (47%)



- Cyan (0%)
- Magenta (88%)
- Yellow (10%)
- Black (47%)



- Cyan (47%)
- Magenta (94%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.1380, 28.0330, 62.1460 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 63.1380, 28.0330, 62.1460 by changing the saturation by 10% instead.

63.1380, 28.0330,
62.1460

63.1380, 28.0330,
62.1460

255.0000, 0.0000,
0.0000

42.8230, 25.7233,
56.2832

122.9050, 24.6968,
58.8423

32.0140, 19.2201,
42.0837

150.5030, 24.4020,
60.0719

22.2160, 12.7115,
29.6286

178.5140, 24.3966,
61.8162

10.7380, 7.5242,
13.3848

199.8220, 27.2028,
48.3911

0.0000, 0.0000,
0.0000

216.8450, 18.8104,
33.4619

233.2810, 10.7075,

19.0476

250.8910, 2.0257,
3.6036

63.1380, 28.0330,
62.1460

63.1380, 28.0330,
62.1460

55.2790, 30.9215,
69.0383

70.9970, 25.1445,
55.2536

53.5180, 31.7896,
70.5827

79.3290, 21.5298,
47.9465

87.1880, 18.6413,
41.0541

95.5200, 15.0266,
33.7470

103.3790, 12.1382,
26.8546

■ 111.2380, 9.2497,
19.9623

■ 119.5700, 5.6350,
12.6551

■ 127.4290, 2.7465,
5.7628

■ 135.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



72.7000, 42.0529, -1.4909



63.1380, 28.0330, 62.1460



54.7380, 8.0172, 88.8068

Triad

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



63.1380, 28.0330, 62.1460



69.4510, -34.2393, 15.3905



69.6560, 28.2706, -61.0883

Complementary

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



63.1380, 28.0330, 62.1460



86.8620, -28.0330, -62.1460

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.



63.3690, 6.7201, -55.5746



63.1380, 28.0330, 62.1460



60.0610, -29.6101, -22.8555

Square

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



63.1380, 28.0330, 62.1460



68.1980, -33.6216, 50.6924



56.0390, -16.2882, -49.1462



71.4120, 45.1529, -62.6283

Rectangle

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



63.1380, 28.0330, 62.1460



50.7910, -5.8130, 91.3913



56.0390, -16.2882, -49.1462



67.8320, 21.2818, -59.4887

Sweetspot

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



63.1380, 28.0330, 62.1460



146.0150, 10.8386, 23.6658



33.6380, 49.4785, -3.1905



70.8090, 6.5032, 14.1995



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.



63.1380, 28.0330, 62.1460



69.1690, 41.3287, 91.0598



56.4120, 2.2619, 68.0447



62.4780, 1.7363, 3.0888



51.9800, 31.0689, 68.4235



1.1250, 0.4314, 1.6444

Inverse Universe

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



63.1380, 28.0330, 62.1460



69.1690, 41.3287, 91.0598



93.5880, -2.2619, -68.0447



62.4780, 1.7363, 3.0888



51.9800, 31.0689, 68.4235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 63.1380, 28.0330, 62.1460 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

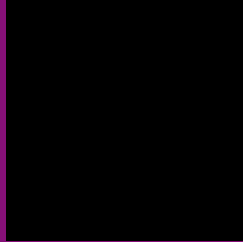
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.1380, 28.0330, 62.1460

Background



This preview shows how black text looks on a background with the YUV color 63.1380, 28.0330, 62.1460.



This preview shows how white text looks on a background with the YUV color 63.1380, 28.0330,

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

63.1380, 28.0330, 62.1460

Protanopia

60.5210, 46.5781, -53.0769

Deuteranopia

74.5480, 18.9568, -13.6356



Tritanopia

72.9630, -10.3348, 48.2674

Trichromacy



Original Color

63.1380, 28.0330, 62.1460

Protanomaly

61.3630, 39.7540, -10.8424

Deuteranomaly

70.6360, 22.3645, 13.4742

Tritanomaly

69.3670, 3.7631, 53.1751

Monochromacy



Original Color

63.1380, 28.0330, 62.1460

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1890, 10.2598, 22.6362

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1380, 28.0330, 62.1460 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(134, 16, 120)` looks like.

```
.text, #text, p{  
    color:rgb(134, 16, 120)  
}
```

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(134, 16, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 16, 120) }
```

Border

The CSS property to change the border of an element to YUV 63.1380, 28.0330, 62.1460 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(134, 16, 120) }
```


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

```
.border{ border-color:rgb(134, 16, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 16, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 16, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 16, 120);  
box-shadow:4px 4px 4px 4px rgb(134, 16,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 63.1380, 28.0330, 62.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 16, 120) }
```

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

```
.background{ background-color: rgb(134, 16,  
120) }
```

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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