

Converting Colors

YUV(86.1500, 12.7440, 19.1624)

Have a look what the booklet for
YUV(86.1500, 12.7440, 19.1624)
contains.

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Color

**YUV(86.1500, 12.7440,
19.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4670
RGB	108, 70, 112
RGB Percent	42%, 27%, 44%
CMY	0.5765, 0.7255, 0.5608
CMYK	0.04, 0.37, 0.00, 0.56
HSL	294°, 23%, 36%
HSV	294°, 37%, 44%
XYZ	11.2991, 8.7383, 16.4204
YIQ	86.1500, 9.1660, 21.1180

Conversions

Conversions Part 2

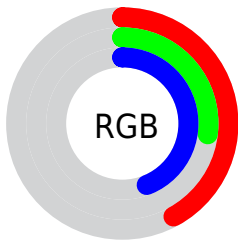
Format	Color
R_{YB}	108, 70, 112
Decimal	7095920
CIE _{Lab}	35.48, 23.97, -17.71
CIE _{LCh}	35, 29.803, 323.553
Yxy	8.7383, 0.3099, 0.2397
Android (android.graphics.Color)	4285286000 (0xFF6C4670)
YUV	86.1500, 12.7440, 19.1624
Hunter-Lab	29.5606, 16.4979, -12.2420

Details

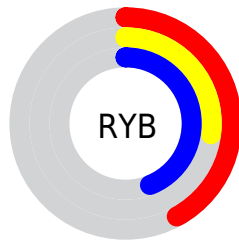
The YUV color **86.1500, 12.7440, 19.1624** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.8500, -12.7441, -19.1625**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3890, 13.6122, 20.7068**, and **39.6120, 12.0233, 17.0033** is the 20% darker color. If you saturate the color by 10%, you get **79.3940, 16.0748, 24.2105**, and if you desaturate by 10%, it is **92.9060, 9.4133, 14.1144**.

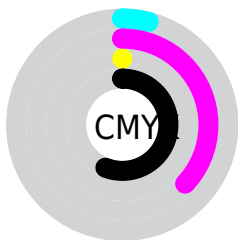
Distribution



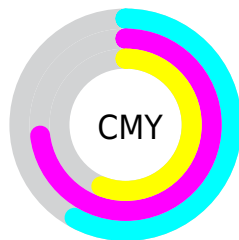
- Red (42%)
- Green (27%)
- Blue (44%)



- Red (42%)
- Yellow (27%)
- Blue (44%)



- Cyan (4%)
- Magenta (37%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (73%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1500, 12.7440, 19.1624 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 86.1500, 12.7440, 19.1624 by changing the saturation by 10% instead.

86.1500, 12.7440,
19.1624

86.1500, 12.7440,
19.1624

255.0000, 0.0000,
0.0000

62.3240, 12.1653,
18.1329

136.3890, 13.6122,
20.7068

39.6120, 12.0233,
17.0033

162.8020, 13.9016,
21.2216

17.0250, 12.3127,
17.5181

190.2150, 14.1910,
21.7364

2.3940, 9.1728,
-2.0995

217.9270, 14.3330,
22.8660

0.0000, 0.0000,
0.0000

238.5640, 8.1029,
14.4144

86.1500, 12.7440,
19.1624

86.1500, 12.7440,
19.1624

79.3940, 16.0748,
24.2105

92.9060, 9.4133,
14.1144

72.6380, 19.4055,
29.2585

99.6620, 6.0826,
9.0664

65.2950, 23.0256,
34.8213

107.0050, 2.4625,
3.5036

58.5390, 26.3563,
39.8693

113.7610, -0.8682,
-1.5444

51.7830, 29.6870,
44.9173

120.5170, -4.1989,
-6.5924

45.0270, 33.0177,
49.9653

127.2730, -7.5296,
-11.6404

42.9670, 34.0333,
50.8949

134.0290,
-10.8603, -16.6884

141.6710,

-14.6278, -21.6365

 148.4270,
-17.9585, -26.6845

Harmonies

Analogous

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



83.8740, 21.2611, -6.0285



86.1500, 12.7440, 19.1624



85.2030, 2.3649, 34.9020

Triad

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



86.1500, 12.7440, 19.1624



81.4480, -22.8989, 18.0241



67.3930, 17.0613, -59.1037

Complementary

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



86.1500, 12.7440, 19.1624



95.8500, -12.7441, -19.1625

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.



64.5430, 6.1413, -56.6042



86.1500, 12.7440, 19.1624



79.6090, -20.5132, -0.5341

Square

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



86.1500, 12.7440, 19.1624



83.0890, -18.2849, 31.4939



75.6970, -10.6966, -22.5363



68.3850, 25.9392, -59.9736

Rectangle

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



86.1500, 12.7440, 19.1624



84.1620, -5.5029, 38.4459



75.6970, -10.6966, -22.5363



67.0680, 13.2775, -58.8186

Sweetspot

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



86.1500, 12.7440, 19.1624



135.3090, 4.7777, 7.6220



77.1360, 17.1880, -6.2583



67.8310, 3.0413, 4.5332



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



86.1500, 12.7440, 19.1624



105.0510, 19.6949, 29.7733



85.4080, 4.7289, 23.3212



52.4780, 1.7363, 3.0888



45.9720, 36.4958, 54.3986



95.1340, 74.8699, 113.0155

Inverse Universe

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



83.0140, -4.4439, 25.4207



100.1190, -6.9607, 39.3606



96.5920, -4.7289, -23.3212



51.9080, -0.4476, 3.5887



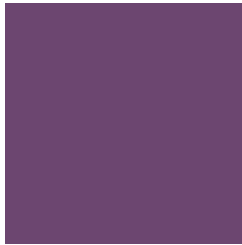
37.1340, -12.8841, 72.6735



76.5890, -25.9264, 149.4504

Previews

White Background



This preview shows how the YUV color 86.1500, 12.7440, 19.1624 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

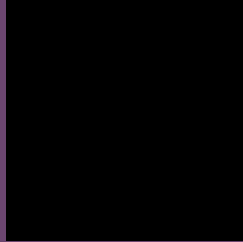
Any Text WCAG AA × Fail

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 86.1500, 12.7440, 19.1624 Background



This preview shows how black text looks on a background with the YUV color 86.1500, 12.7440, 19.1624.



This preview shows how white text looks on a background with the YUV color 86.1500, 12.7440,

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

86.1500, 12.7440, 19.1624

Protanopia

83.2710, 19.0934, -10.7617

Deuteranopia

83.9960, 12.8200, -5.2585



Tritanopia

85.0560, -1.5066, 16.6139

Trichromacy



Original Color

86.1500, 12.7440, 19.1624

Protanomaly

84.3540, 16.5875, -0.3105

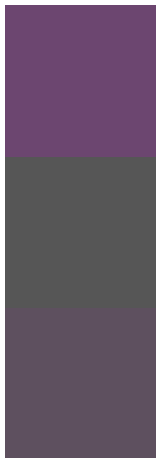
Deuteranomaly

85.0510, 12.7929, 3.4633

Tritanomaly

85.4350, 3.7295, 17.1585

Monochromacy



Original Color

86.1500, 12.7440, 19.1624

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1500, 12.7440, 19.1624 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(108, 70, 112)` looks like.

```
.text, #text, p{  
    color:rgb(108, 70, 112)  
}
```

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(108, 70, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 70, 112) }
```

Border

The CSS property to change the border of an element to YUV 86.1500, 12.7440, 19.1624 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(108, 70, 112) }
```


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

```
.border{ border-color:rgb(108, 70, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 70, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 70, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 70, 112);  
box-shadow:4px 4px 4px 4px rgb(108, 70,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 86.1500, 12.7440, 19.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 70, 112) }
```

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

```
.background{ background-color: rgb(108, 70,  
112) }
```

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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