

Converting Colors

YUV(96.4230, -4.6455, 43.4790)

Have a look what the booklet for
YUV(96.4230, -4.6455, 43.4790)
contains.

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Color

**YUV(96.4230, -4.6455,
43.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	924957
RGB	146, 73, 87
RGB Percent	57%, 29%, 34%
CMY	0.4275, 0.7137, 0.6588
CMYK	0.00, 0.50, 0.40, 0.43
HSL	348°, 33%, 43%
HSV	348°, 50%, 57%
XYZ	15.9569, 11.5642, 10.4079
YIQ	96.4230, 39.0140, 19.8300

Conversions

Conversions Part 2

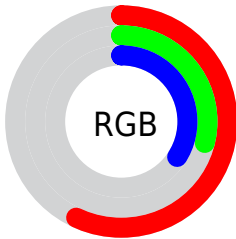
Format	Color
R_{YB}	146, 73, 87
Decimal	9587031
CIE _{Lab}	40.51, 32.23, 5.99
CIE _{LCh}	41, 32.783, 10.534
Yxy	11.5642, 0.4207, 0.3049
Android (android.graphics.Color)	4287777111 (0xFF924957)
YUV	96.4230, -4.6455, 43.4790
Hunter-Lab	34.0062, 24.2477, 5.6580

Details

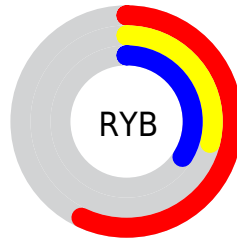
The YUV color **96.4230, -4.6455, 43.4790** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.5770, 4.6455, -43.4790**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8040, -5.8194, 46.6529**, and **46.3840, -2.1613, 40.0052** is the 20% darker color. If you saturate the color by 10%, you get **86.2500, -5.5462, 52.4008**, and if you desaturate by 10%, it is **106.5960, -3.7448, 34.5573**.

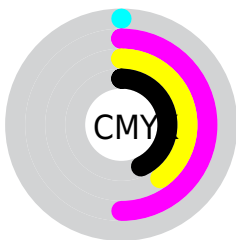
Distribution



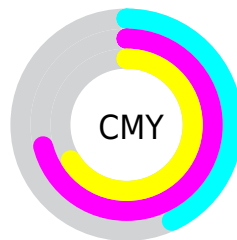
- Red (57%)
- Green (29%)
- Blue (34%)



- Red (57%)
- Yellow (29%)
- Blue (34%)



- Cyan (0%)
- Magenta (50%)
- Yellow (40%)
- Black (43%)





- Cyan (43%)
- Magenta (71%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.4230, -4.6455, 43.4790 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 96.4230, -4.6455, 43.4790 by changing the saturation by 10% instead.


 96.4230, -4.6455,
43.4790


 96.4230, -4.6455,
43.4790


255.0000, 0.0000,
0.0000


 71.6400, -3.7665,
41.5347


 148.8040, -5.8194,
46.6529


 46.3840, -2.1613,
40.0052

 175.7010, -6.2616,
48.4972


 22.2420, -0.1193,
38.3758

 201.8040, -5.8194,
46.6529

 13.5690, -6.1965,
27.5650

 221.4320, -1.6920,
29.4391

 0.0000, 0.0000,
0.0000

 241.0600, 2.4354,
12.2254

■ 96.4230, -4.6455,
43.4790

■ 96.4230, -4.6455,
43.4790

■ 86.2500, -5.5462,
52.4008

■ 106.5960, -3.7448,
34.5573

■ 76.6640, -6.7364,
60.8077

■ 116.1820, -2.5547,
26.1504

■ 66.6050, -7.2003,
69.6294

■ 126.2410, -2.0908,
17.3286

■ 57.0190, -8.3904,
78.0363

■ 135.8270, -0.9007,
8.9217

■ 46.8460, -9.2911,
86.9581

■ 146.0000, 0.0000,
0.0000

■ 156.1730, 0.9007,
-8.9217

■ 165.7590, 2.0908,
-17.3286

■ 175.8180, 2.5547,

-26.1504

■ 185.4040, 3.7448,
-34.5573

Harmonies

Analogous

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



98.2720, 7.7539, 33.0875



96.4230, -4.6455, 43.4790



95.3120, -16.4228, 40.9454

Triad

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



96.4230, -4.6455, 43.4790



88.9170, -17.7071, -13.9592



77.1050, 33.9652, -67.6211

Complementary

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



96.4230, -4.6455, 43.4790



122.5770, 4.6455, -43.4790

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.



78.2160, 25.5295, -68.5954



96.4230, -4.6455, 43.4790



82.0410, -2.4852, -43.0090

Square

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



96.4230, -4.6455, 43.4790



92.1110, -25.1977, 8.6727



75.8390, 13.8834, -66.5108



92.9690, 27.1303, -21.8978

Rectangle

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



96.4230, -4.6455, 43.4790



94.3620, -22.3635, 33.0085



75.8390, 13.8834, -66.5108



77.8230, 31.6393, -68.2508

Sweetspot

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



96.4230, -4.6455, 43.4790



169.3550, -1.6540, 17.2287



98.6640, 23.3366, 28.3587



82.5390, -0.7587, 10.0513



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



96.4230, -4.6455, 43.4790



111.5940, -7.1948, 67.8851



107.7410, -17.1273, 33.5531



69.2070, -0.5951, 4.2035



44.2260, -8.9854, 82.2398



3.2180, -0.6005, 5.9478

Inverse Universe

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



96.4230, -4.6455, 43.4790



111.5940, -7.1948, 67.8851



111.2590, 17.1273, -33.5531



69.2070, -0.5951, 4.2035



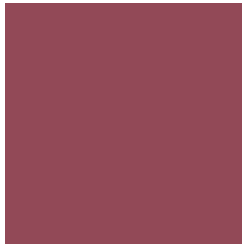
44.2260, -8.9854, 82.2398



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 96.4230, -4.6455, 43.4790 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 × Fail

Black Background



This preview shows how the YUV color 96.4230, -4.6455, 43.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

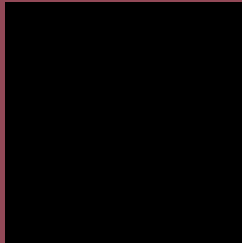
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4230, -4.6455, 43.4790

Background



This preview shows how black text looks on a background with the YUV color 96.4230, -4.6455, 43.4790.



This preview shows how white text looks on a background with the YUV color 96.4230, -4.6455,

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

96.4230, -4.6455, 43.4790

Protanopia

96.6410, 1.1630, 0.3148

Deuteranopia

97.0570, -6.4371, 11.3510



Tritanopia

95.9130, -7.8451, 43.0493

Trichromacy



Original Color

96.4230, -4.6455, 43.4790

Protanomaly

96.8710, -0.9224, 15.8991

Deuteranomaly

96.9490, -5.8909, 22.8467

Tritanomaly

96.2550, -6.5347, 42.7494

Monochromacy



Original Color

96.4230, -4.6455, 43.4790

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.3440, -1.6486, 15.4843

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4230, -4.6455, 43.4790 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(146, 73, 87)` looks like.

```
.text, #text, p{  
    color:rgb(146, 73, 87)  
}
```

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(146, 73, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 73, 87) }
```

Border

The CSS property to change the border of an element to YUV 96.4230, -4.6455, 43.4790 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(146, 73, 87) }
```


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

```
.border{ border-color:rgb(146, 73, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 73, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 73, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 73, 87);  
box-shadow:4px 4px 4px 4px rgb(146, 73,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 96.4230, -4.6455, 43.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 73, 87) }
```

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

```
.background{ background-color: rgb(146, 73,  
87) }
```

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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