

Converting Colors

YUV(96.1150, 2.4083, 20.9471)

Have a look what the booklet for
YUV(96.1150, 2.4083, 20.9471)
contains.

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Color

**YUV(96.1150, 2.4083,
20.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	785365
RGB	120, 83, 101
RGB Percent	47%, 33%, 40%
CMY	0.5294, 0.6745, 0.6039
CMYK	0.00, 0.31, 0.16, 0.53
HSL	331°, 18%, 40%
HSV	331°, 31%, 47%
XYZ	13.1879, 11.1192, 13.7631
YIQ	96.1150, 16.2740, 13.4420

Conversions

Conversions Part 2

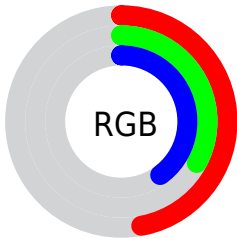
Format	Color
R_{YB}	120, 83, 101
Decimal	7885669
CIE Lab	39.78, 18.42, -4.20
CIE LCh	40, 18.891, 347.156
Yxy	11.1192, 0.3464, 0.2921
Android (android.graphics.Color)	4286075749 (0xFF785365)
YUV	96.1150, 2.4083, 20.9471
Hunter-Lab	33.3454, 12.2414, -1.1297

Details

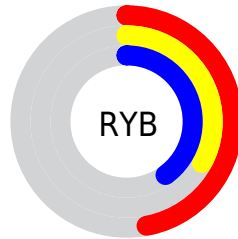
The YUV color **96.1150, 2.4083, 20.9471** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106.8850, -2.4083, -20.9471**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1260, 2.4029, 22.6915**, and **49.1040, 2.4137, 19.2028** is the 20% darker color. If you saturate the color by 10%, you get **88.3870, 3.2602, 27.7246**, and if you desaturate by 10%, it is **103.8430, 1.5564, 14.1697**.

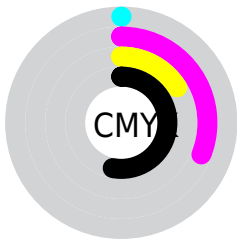
Distribution



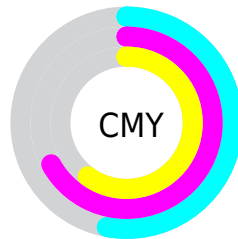
- Red (47%)
- Green (33%)
- Blue (40%)



- Red (47%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (31%)
- Yellow (16%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.1150, 2.4083, 20.9471 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 96.1150, 2.4083, 20.9471 by changing the saturation by 10% instead.

96.1150, 2.4083,
20.9471

96.1150, 2.4083,
20.9471

255.0000, 0.0000,
0.0000

72.4030, 2.2663,
19.8176

147.1260, 2.4029,
22.6915

49.1040, 2.4137,
19.2028

173.5390, 2.6923,
23.2063

27.2070, 2.8559,
17.3585

201.1370, 2.3975,
24.4359

9.8110, 0.0932,
16.8288

228.5390, 2.6923,
23.2063

0.0000, 0.0000,
0.0000

247.9560, 3.4727,
6.1776

■ 96.1150, 2.4083,
20.9471

■ 96.1150, 2.4083,
20.9471

■ 88.3870, 3.2602,
27.7246

■ 103.8430, 1.5564,
14.1697

■ 80.6590, 4.1121,
34.5021

■ 111.5710, 0.7045,
7.3922

■ 72.9310, 4.9640,
41.2795

■ 119.2990, -0.1474,
0.6148

■ 65.0890, 5.3791,
48.1569

■ 127.1410, -0.5625,
-6.2627

■ 57.3610, 6.2310,
54.9344

■ 134.8690, -1.4144,
-13.0401

■ 49.6330, 7.0829,
61.7119

■ 142.5970, -2.2663,
-19.8176

■ 42.4920, 7.6454,
67.9745

■ 150.3250, -3.1182,
-26.5950

■ 158.0530, -3.9701,

-33.3725

■ 165.7810, -4.8220,
-40.1499

Harmonies

Analogous

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



96.1720, 9.2822, 9.4962



96.1150, 2.4083, 20.9471



95.7860, -5.3175, 25.6207

Triad

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



96.1150, 2.4083, 20.9471



92.3520, -13.9775, 3.1993



86.8630, 14.3645, -34.0829

Complementary

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



96.1150, 2.4083, 20.9471



106.8850, -2.4083, -20.9471

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.



85.5550, 8.1074, -33.8127



96.1150, 2.4083, 20.9471



90.2300, -8.9874, -10.7257

Square

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



96.1150, 2.4083, 20.9471



93.3150, -14.4523, 15.5097



87.9170, -0.9451, -23.6062



90.0970, 16.2212, -22.8871

Rectangle

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



96.1150, 2.4083, 20.9471



94.7490, -9.2433, 24.7761



87.9170, -0.9451, -23.6062



85.5100, 13.0596, -35.5273

Sweetspot

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



96.1150, 2.4083, 20.9471



146.8700, 0.5571, 8.0070



92.6000, 13.5082, 7.3668



73.2610, 0.8573, 5.0331



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



96.1150, 2.4083, 20.9471



118.5340, 3.6807, 32.8577



94.0630, -5.4541, 22.7467



57.1360, 0.4260, 3.3887



44.3290, 8.2188, 70.7485



89.3700, 16.5796, 142.6265

Inverse Universe

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



96.1150, 2.4083, 20.9471



118.5340, 3.6807, 32.8577



108.9370, 5.4541, -22.7467



57.1360, 0.4260, 3.3887



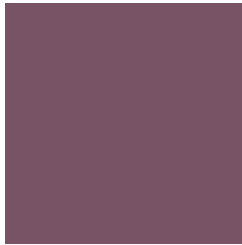
44.3290, 8.2188, 70.7485



89.3700, 16.5796, 142.6265

Previews

White Background



This preview shows how the YUV color 96.1150, 2.4083, 20.9471 looks on a white background.

Color Contrast Check

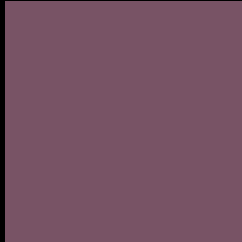
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.1150, 2.4083, 20.9471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

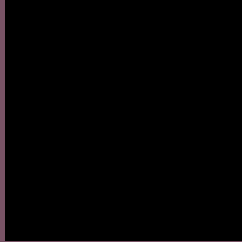
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.1150, 2.4083, 20.9471

Background



This preview shows how black text looks on a background with the YUV color 96.1150, 2.4083, 20.9471.

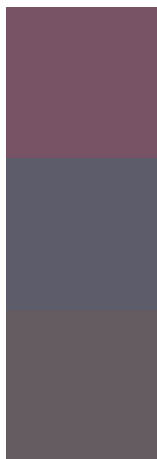


This preview shows how white text looks on a background with the YUV color 96.1150, 2.4083,

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

96.1150, 2.4083, 20.9471

Protanopia

94.2970, 6.2626, -2.0145

Deuteranopia

94.9020, 2.0203, 5.3479



Tritanopia

95.8500, -2.3910, 20.3026

Trichromacy



Original Color

96.1150, 2.4083, 20.9471

Protanomaly

94.7110, 5.0725, 6.3925

Deuteranomaly

95.3480, 2.2934, 11.0958

Tritanomaly

95.7190, -0.3545, 20.4174

Monochromacy



Original Color

96.1150, 2.4083, 20.9471

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9840, 0.9939, 7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1150, 2.4083, 20.9471 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(120, 83, 101)` looks like.

```
.text, #text, p{  
    color:rgb(120, 83, 101)  
}
```

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(120, 83, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 83, 101) }
```

Border

The CSS property to change the border of an element to YUV 96.1150, 2.4083, 20.9471 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(120, 83, 101) }
```


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

```
.border{ border-color:rgb(120, 83, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 83, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 83, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 83, 101); box-shadow:4px 4px 4px 4px rgb(120, 83, 101) }
```

Background

The CSS property to change the background color of an element to YUV 96.1150, 2.4083, 20.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 83, 101) }
```

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

```
.background{ background-color: rgb(120, 83,  
101) }
```

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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