

Converting Colors

YUV(100.4420, -0.2179,
23.2914)

Have a look what the booklet for
YUV(100.4420, -0.2179, 23.2914)
contains.

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Color

**YUV(100.4420, -0.2179,
23.2914)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7F5764 |
| RGB | 127, 87, 100 |
| RGB Percent | 50%, 34%, 39% |
| CMY | 0.5020, 0.6588, 0.6078 |
| CMYK | 0.00, 0.31, 0.21, 0.50 |
| HSL | 340°, 19%, 42% |
| HSV | 340°, 31%, 50% |
| XYZ | 14.4608, 12.2485, 13.6586 |
| YIQ | 100.4420, 19.6670, 12.5230 |

Conversions

Conversions Part 2

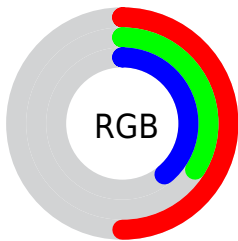
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 127, 87, 100 |
| Decimal | 8345444 |
| CIE _{Lab} | 41.61, 18.61, -0.79 |
| CIE _{LCh} | 42, 18.629, 357.560 |
| Yxy | 12.2485, 0.3582, 0.3034 |
| Android (android.graphics.Color) | 4286535524 (0xFF7F5764) |
| YUV | 100.4420, -0.2179, 23.2914 |
| Hunter-Lab | 34.9979, 12.5085, 1.3594 |

Details

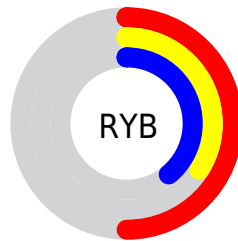
The YUV color $100.4420, -0.2179, 23.2914$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $113.5580, 0.2179, -23.2914$, and the grayscale version is $100.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $151.7520, -0.3707, 25.6505$, and $53.1320, -0.0651, 20.9322$ is the 20% darker color. If you saturate the color by 10%, you get $91.7850, -0.3870, 30.8836$, and if you desaturate by 10%, it is $109.0990, -0.0488, 15.6992$.

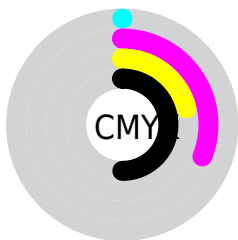
Distribution



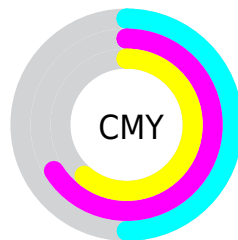
- Red (50%)
- Green (34%)
- Blue (39%)



- Red (50%)
- Yellow (34%)
- Blue (39%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (50%)



- Cyan (50%)
- Magenta (66%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.4420, -0.2179, 23.2914 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 100.4420, -0.2179, 23.2914 by changing the saturation by 10% instead.


 100.4420, -0.2179,
23.2914


 100.4420, -0.2179,
23.2914


255.0000, 0.0000,
0.0000

 75.8440, 0.0769,
22.0618


 151.7520, -0.3707,
25.6505

 53.1320, -0.0651,
20.9322

 178.6380, -0.8075,
25.7505

 30.6480, 0.6665,
19.6027

 206.3500, -0.6655,
26.8801

 11.1920, -1.0807,
20.0026

 231.3600, 0.8085,
20.7323

 0.0000, 0.0000,
0.0000

 250.3040, 2.3151,
4.1184

100.4420, -0.2179,
23.2914

100.4420, -0.2179,
23.2914

91.7850, -0.3870,
30.8836

109.0990, -0.0488,
15.6992

83.8290, -0.4087,
37.8610

117.0550, -0.0271,
8.7218

75.1720, -0.5778,
45.4532

125.7120, 0.1420,
1.1296

66.6290, -0.3101,
52.9454

134.2550, -0.1257,
-6.3626

58.5590, -0.7686,
60.0228

142.9120, 0.0434,
-13.9548

50.0160, -0.5009,
67.5150


150.8680, 0.0651,
-20.9322

42.6470, -0.8120,
73.9776

159.5250, 0.2342,
-28.5244

168.1820, 0.4033,

-36.1166

 176.1380, 0.4250,
-43.0940

Harmonies

Analogous

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



100.9230, 6.9400, 14.0995



100.4420, -0.2179, 23.2914



99.9170, -7.3541, 25.5058

Triad

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



100.4420, -0.2179, 23.2914



96.0740, -12.3615, -1.8189



92.5260, 15.5167, -30.2793

Complementary

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



100.4420, -0.2179, 23.2914



113.5580, 0.2179, -23.2914

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.



90.2390, 10.7282, -34.4126



100.4420, -0.2179, 23.2914



93.8920, -6.3558, -14.8143

Square

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



100.4420, -0.2179, 23.2914



97.5810, -14.5834, 10.8915



91.6930, 2.1234, -27.7948



96.3150, 15.6207, -16.9393

Rectangle

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



100.4420, -0.2179, 23.2914



98.8690, -11.2744, 22.9169



91.6930, 2.1234, -27.7948



91.4610, 14.0697, -32.8533

Sweetspot

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



100.4420, -0.2179, 23.2914



156.0550, -0.0271, 8.7218



99.6330, 13.4919, 12.5999



78.0330, -0.0163, 5.2331



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



100.4420, -0.2179, 23.2914



124.1170, -0.5507, 36.7314



103.0690, -7.9220, 20.9875



59.3210, -0.1583, 4.1035



42.9460, -0.9594, 74.5924



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.4420, -0.2179, 23.2914



124.1170, -0.5507, 36.7314



110.9310, 7.9220, -20.9875



59.3210, -0.1583, 4.1035



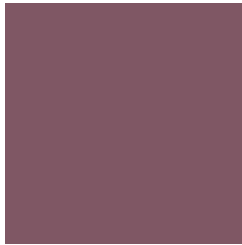
42.9460, -0.9594, 74.5924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 100.4420, -0.2179, 23.2914 looks on a white background.

Color Contrast Check

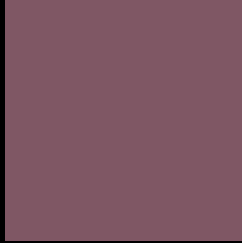
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.4420, -0.2179, 23.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

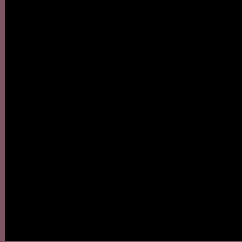
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.4420, -0.2179, 23.2914

Background



This preview shows how black text looks on a background with the YUV color 100.4420, -0.2179, 23.2914.



This preview shows how white text looks on a background with the YUV color 100.4420, -0.2179,

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

100.4420, -0.2179, 23.2914

Protanopia

98.9120, 3.4944, -0.7998

Deuteranopia

99.2290, -0.6059, 7.6922



Tritanopia

100.1600, -2.5439, 22.6617

Trichromacy



Original Color

100.4420, -0.2179, 23.2914

Protanomaly

99.6250, 2.1569, 8.2219

Deuteranomaly

99.6750, -0.3328, 13.4400

Tritanomaly

100.3880, -1.6703, 22.4617

Monochromacy



Original Color

100.4420, -0.2179, 23.2914

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0550, -0.0271, 8.7218

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4420, -0.2179, 23.2914 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(127, 87, 100)` looks like.

```
.text, #text, p{  
    color:rgb(127, 87, 100)  
}
```

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(127, 87, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 87, 100) }
```

Border

The CSS property to change the border of an element to YUV 100.4420, -0.2179, 23.2914 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(127, 87, 100) }
```


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

```
.border{ border-color:rgb(127, 87, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 87, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 87, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 87, 100);  
box-shadow:4px 4px 4px 4px rgb(127, 87,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 100.4420, -0.2179, 23.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 87, 100) }
```

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

```
.background{ background-color: rgb(127, 87,  
100) }
```

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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