

Converting Colors

YUV(100.6040, 4.1392, 25.7803)

Have a look what the booklet for
YUV(100.6040, 4.1392, 25.7803)
contains.

YUV(100.6040, 4.1392, 25.7803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(100.6040, 4.1392,
25.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	82546D
RGB	130, 84, 109
RGB Percent	51%, 33%, 43%
CMY	0.4902, 0.6706, 0.5725
CMYK	0.00, 0.35, 0.16, 0.49
HSL	327°, 21%, 42%
HSV	327°, 35%, 51%
XYZ	15.1366, 12.1906, 16.0232
YIQ	100.6040, 19.3910, 17.5270

Conversions

Conversions Part 2

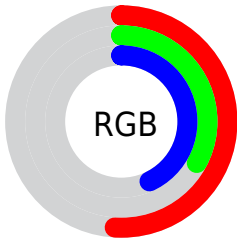
Format	Color
R_{YB}	130, 84, 109
Decimal	8541293
CIE Lab	41.52, 23.10, -6.42
CIE LCh	42, 23.975, 344.461
Yxy	12.1906, 0.3492, 0.2812
Android (android.graphics.Color)	4286731373 (0xFF82546D)
YUV	100.6040, 4.1392, 25.7803
Hunter-Lab	34.9150, 16.2830, -2.7689

Details

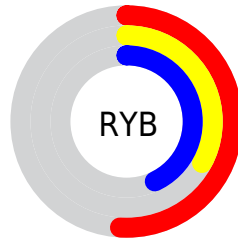
The YUV color **100.6040, 4.1392, 25.7803** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113.3960, -4.1392, -25.7803**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.9140, 3.9864, 28.1394**, and **52.9950, 4.4395, 22.8064** is the 20% darker color. If you saturate the color by 10%, you get **92.2890, 5.2805, 33.0725**, and if you desaturate by 10%, it is **108.9190, 2.9979, 18.4880**.

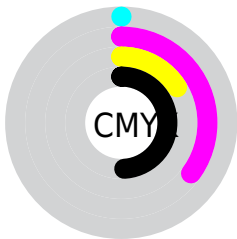
Distribution



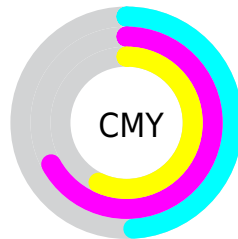
- Red (51%)
- Green (33%)
- Blue (43%)



- Red (51%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6040, 4.1392, 25.7803 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 100.6040, 4.1392, 25.7803 by changing the saturation by 10% instead.


 100.6040, 4.1392,
25.7803


 100.6040, 4.1392,
25.7803


255.0000, 0.0000,
0.0000


 76.0060, 4.4340,
24.5507

 151.9140, 3.9864,
28.1394

 52.9950, 4.4395,
22.8064

 179.2130, 3.8390,
28.7542

 30.1090, 4.8763,
22.7064

 206.6260, 4.1284,
29.2690

 12.9300, 2.9925,
20.2324

 230.8530, 6.4815,
21.1769

 0.0000, 0.0000,
0.0000

 248.5430, 3.1833,
5.6628

100.6040, 4.1392,
25.7803

100.6040, 4.1392,
25.7803

92.2890, 5.2805,
33.0725

108.9190, 2.9979,
18.4880

83.9740, 6.4218,
40.3648

117.2340, 1.8566,
11.1958

75.6590, 7.5631,
47.6571

125.5490, 0.7153,
3.9035

67.3440, 8.7044,
54.9493

133.8640, -0.4260,
-3.3887

59.0290, 9.8457,
62.2416

142.1790, -1.5672,
-10.6810

50.7140, 10.9870,
69.5338

150.4940, -2.7085,
-17.9732

46.9640, 11.8497,
72.8226

158.8090, -3.8498,
-25.2655

167.0100, -5.4279,

-32.4578

■ 175.3250, -6.5692,
-39.7500

Harmonies

Analogous

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



100.0950, 12.7712, 10.4407



100.6040, 4.1392, 25.7803



99.8300, -5.3392, 32.5981

Triad

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



100.6040, 4.1392, 25.7803



95.9240, -18.2035, 5.3287



84.5340, 19.9497, -52.2113

Complementary

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



100.6040, 4.1392, 25.7803



113.3960, -4.1392, -25.7803

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.



85.1510, 10.7716, -48.3674



100.6040, 4.1392, 25.7803



93.4210, -12.0396, -11.7702

Square

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



100.6040, 4.1392, 25.7803



97.3110, -18.3943, 19.8983



89.7590, -1.3602, -30.4836



91.6980, 21.3479, -33.9381

Rectangle

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



100.6040, 4.1392, 25.7803



99.0380, -10.8647, 31.5387



89.7590, -1.3602, -30.4836



83.6540, 17.9186, -54.0706

Sweetspot

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



100.6040, 4.1392, 25.7803



156.5220, 1.7147, 10.0662



95.5230, 16.9972, 8.3113



76.9730, 0.9993, 6.1627



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.



100.6040, 4.1392, 25.7803



123.2620, 6.2798, 39.2352



97.9820, -5.9071, 28.0798



59.5490, 0.7153, 3.9035



46.1380, 11.2710, 71.7930



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.6040, 4.1392, 25.7803



123.2620, 6.2798, 39.2352



116.0180, 5.9071, -28.0798



59.5490, 0.7153, 3.9035



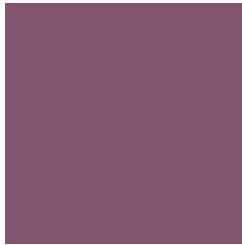
46.1380, 11.2710, 71.7930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 100.6040, 4.1392, 25.7803 looks on a white background.

Color Contrast Check

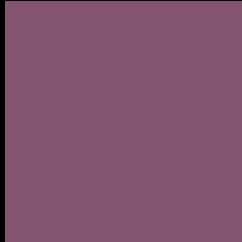
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.6040, 4.1392, 25.7803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

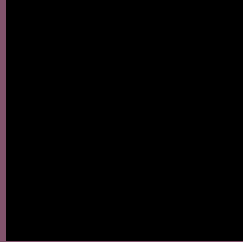
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.6040, 4.1392, 25.7803

Background



This preview shows how black text looks on a background with the YUV color 100.6040, 4.1392, 25.7803.



This preview shows how white text looks on a background with the YUV color 100.6040, 4.1392,

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

100.6040, 4.1392, 25.7803

Protanopia

98.4970, 9.6150, -3.9439

Deuteranopia

99.6460, 3.6255, 3.8185



Tritanopia

99.9430, -3.4229, 24.6060

Trichromacy



Original Color

100.6040, 4.1392, 25.7803

Protanomaly

99.1070, 7.8352, 6.9222

Deuteranomaly

100.1030, 3.8932, 11.3107

Tritanomaly

100.3390, -0.6601, 25.1357

Monochromacy



Original Color

100.6040, 4.1392, 25.7803

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1090, 1.4253, 9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6040, 4.1392, 25.7803 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(130, 84, 109)` looks like.

```
.text, #text, p{  
    color:rgb(130, 84, 109)  
}
```

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(130, 84, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 84, 109) }
```

Border

The CSS property to change the border of an element to YUV 100.6040, 4.1392, 25.7803 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(130, 84, 109) }
```


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

```
.border{ border-color:rgb(130, 84, 109) }
```

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

Here you see how a box with a 4 pixel rgb(130, 84, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 84, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 84, 109);  
box-shadow:4px 4px 4px 4px rgb(130, 84,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 100.6040, 4.1392, 25.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 84, 109) }
```

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

```
.background{ background-color: rgb(130, 84,  
109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor