

Converting Colors

YUV(103.8850, 21.2557,
-4.2841)

Have a look what the booklet for
YUV(103.8850, 21.2557, -4.2841)
contains.

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Color

**YUV(103.8850, 21.2557,
-4.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	636293
RGB	99, 98, 147
RGB Percent	39%, 38%, 58%
CMY	0.6118, 0.6157, 0.4235
CMYK	0.33, 0.33, 0.00, 0.42
HSL	241°, 20%, 48%
HSV	241°, 33%, 58%
XYZ	14.7797, 13.4946, 29.4295
YIQ	103.8850, -15.1330, 15.4510

Conversions

Conversions Part 2

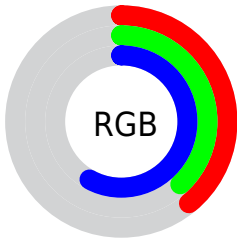
Format	Color
R_{YB}	99, 98, 147
Decimal	6513299
CIE _{Lab}	43.50, 12.41, -26.73
CIE _{LCh}	43, 29.467, 294.907
Yxy	13.4946, 0.2561, 0.2339
Android (android.graphics.Color)	4284703379 (0xFF636293)
YUV	103.8850, 21.2557, -4.2841
Hunter-Lab	36.7350, 7.5304, -21.7845

Details

The YUV color **103.8850, 21.2557, -4.2841** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.1150, -21.2557, 4.2841**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5260, 22.4187, -3.9693**, and **56.4180, 19.5139, -5.6286** is the 20% darker color. If you saturate the color by 10%, you get **90.8940, 27.6603, -5.1690**, and if you desaturate by 10%, it is **116.8760, 14.8511, -3.3993**.

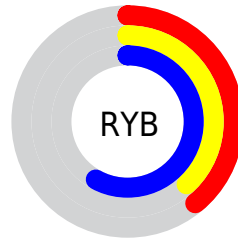
Distribution



Red (39%)

Green (38%)

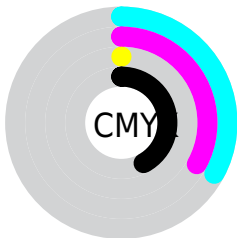
Blue (58%)



Red (39%)

Yellow (38%)

Blue (58%)

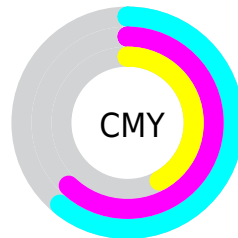


Cyan (33%)

Magenta (33%)

Yellow (0%)

Black (42%)



Cyan (61%)

Magenta (62%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8850, 21.2557, -4.2841 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 103.8850, 21.2557, -4.2841 by changing the saturation by 10% instead.

■ 103.8850, 21.2557,
-4.2841

■ 103.8850, 21.2557,
-4.2841

■ 255.0000, 0.0000,
0.0000

■ 79.3580, 20.5295,
-4.6990

■ 155.5260, 22.4187,
-3.9693

■ 56.4180, 19.5139,
-5.6286

■ 182.0530, 23.1449,
-3.5545

■ 33.8800, 18.7932,
-7.7878

■ 209.8250, 22.2713,
-3.3545

■ 10.5920, 18.9351,
-6.6582

■ 234.9320, 9.8935,
0.0596

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 103.8850, 21.2557,
-4.2841

■ 103.8850, 21.2557,
-4.2841

■ 90.8940, 27.6603,
-5.1690

■ 116.8760, 14.8511,
-3.3993

■ 78.1910, 33.9228,
-7.1835

■ 129.5790, 8.5886,
-1.3848

■ 65.2000, 40.3274,
-8.0684

■ 142.5700, 2.1840,
-0.4999

■ 51.9100, 46.8794,
-9.5681

■ 155.8600, -4.3680,
0.9998

■ 39.5060, 52.9945,
-10.9678

■ 168.2640,
-10.4832, 2.3995

■ 26.5150, 59.3991,
-11.8527

■ 181.2550,
-16.8877, 3.2844

■ 17.6550, 63.7671,
-12.8524

■ 194.5450,
-23.4397, 4.7840

■ 207.5360,

-29.8442, 5.6689

 220.2390,
-36.1068, 7.6834

Harmonies

Analogous

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



96.7670, 26.7369, -35.7527



103.8850, 21.2557, -4.2841



105.7480, 12.4492, 20.3920

Triad

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



103.8850, 21.2557, -4.2841



102.5730, -19.0165, 32.8235



87.9460, 4.9566, -49.9416

Complementary

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



103.8850, 21.2557, -4.2841



141.1150, -21.2557, 4.2841

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.



95.3980, -10.5492, -23.1510



103.8850, 21.2557, -4.2841



101.3340, -23.3357, 18.1241

Square

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



103.8850, 21.2557, -4.2841



104.0220, -9.8708, 39.4457



99.1960, -20.8026, -1.0489



81.5270, 20.4462, -71.4992

Rectangle

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



103.8850, 21.2557, -4.2841



105.5770, 5.1385, 31.9430



99.1960, -20.8026, -1.0489



91.1060, -1.0383, -40.4350

Sweetspot

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



103.8850, 21.2557, -4.2841



174.4650, 8.1518, -1.2848



131.7620, 7.5123, -29.6093



86.6670, 5.0942, -0.5850



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



103.8850, 21.2557, -4.2841



123.9630, 33.0492, -6.9836



111.0610, 17.7179, 10.4705



67.7980, 3.0576, -0.6998



16.6290, 59.8359, -11.9526



1.1400, 4.3680, -0.9998

Inverse Universe

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



118.1230, 13.7434, 25.3251



146.2740, 21.5569, 39.2247



133.9390, -17.7179, -10.4705



69.8910, 2.0257, 3.6036



56.6520, 38.6256, 71.3422



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 103.8850, 21.2557, -4.2841 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 103.8850, 21.2557, -4.2841 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 103.8850, 21.2557, -4.2841

Background



This preview shows how black text looks on a background with the YUV color 103.8850, 21.2557, -4.2841.



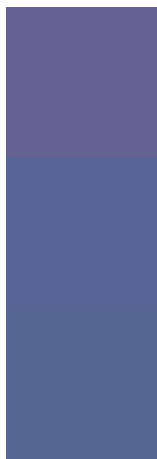
This preview shows how white text looks on a background with the YUV color 103.8850, 21.2557, -4.2841.

-4.2841.

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

103.8850, 21.2557, -4.2841

Protanopia

102.4000, 23.4668, -13.5058

Deuteranopia

102.2320, 21.5776, -14.2355



Tritanopia

102.0250, 5.4107, -8.7919

Trichromacy



Original Color

103.8850, 21.2557, -4.2841

Protanomaly

102.8950, 22.7298, -10.4319

Deuteranomaly

103.1400, 21.1300, -10.6468

Tritanomaly

102.5290, 11.0782, -6.6029

Monochromacy



Original Color

103.8850, 21.2557, -4.2841

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0520, 7.8624, -1.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8850, 21.2557, -4.2841 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(99, 98, 147)` looks like.

```
.text, #text, p{  
    color:rgb(99, 98, 147)  
}
```

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(99, 98, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 98, 147) }
```

Border

The CSS property to change the border of an element to YUV 103.8850, 21.2557, -4.2841 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(99, 98, 147) }
```


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

```
.border{ border-color:rgb(99, 98, 147) }
```

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

Here you see how a box with a 4 pixel rgb(99, 98, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 98, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 98, 147);  
box-shadow:4px 4px 4px 4px rgb(99, 98,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 103.8850, 21.2557, -4.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 98, 147) }
```

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

```
.background{ background-color: rgb(99, 98,  
147) }
```

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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