

Converting Colors

YUV(100.7110, 21.8345,
-3.2545)

Have a look what the booklet for
YUV(100.7110, 21.8345, -3.2545)
contains.

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Color

**YUV(100.7110, 21.8345,
-3.2545)**

Conversions

Conversions Part 1

Format	Color
Hex	615E91
RGB	97, 94, 145
RGB Percent	38%, 37%, 57%
CMY	0.6196, 0.6314, 0.4314
CMYK	0.33, 0.35, 0.00, 0.43
HSL	244°, 21%, 47%
HSV	244°, 35%, 57%
XYZ	14.0433, 12.5911, 28.4782
YIQ	100.7110, -14.5830, 16.4970

Conversions

Conversions Part 2

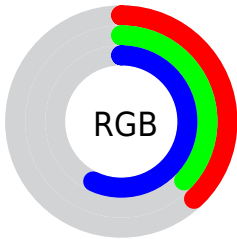
Format	Color
R_{YB}	97, 94, 145
Decimal	6381201
CIE _{Lab}	42.14, 13.72, -27.66
CIE _{LCh}	42, 30.878, 296.389
Yxy	12.5911, 0.2548, 0.2285
Android (android.graphics.Color)	4284571281 (0xFF615E91)
YUV	100.7110, 21.8345, -3.2545
Hunter-Lab	35.4840, 8.5470, -22.7453

Details

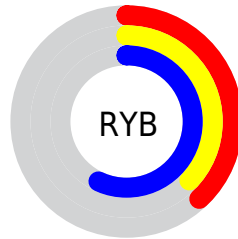
The YUV color $[100.7110, 21.8345, -3.2545]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[138.2890, -21.8345, 3.2545]$, and the grayscale version is $[101.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[151.7650, 23.2869, -2.4249]$, and $[53.2440, 20.0927, -4.5990]$ is the 20% darker color. If you saturate the color by 10%, you get $[88.3070, 27.9496, -4.6542]$, and if you desaturate by 10%, it is $[113.7020, 15.4299, -2.3697]$.

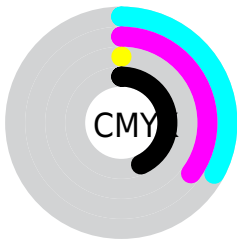
Distribution



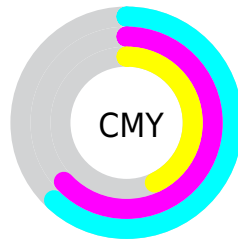
- Red (38%)
- Green (37%)
- Blue (57%)



- Red (38%)
- Yellow (37%)
- Blue (57%)



- Cyan (33%)
- Magenta (35%)
- Yellow (0%)
- Black (43%)



- Cyan (62%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7110, 21.8345, -3.2545 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 100.7110, 21.8345, -3.2545 by changing the saturation by 10% instead.

■ 100.7110, 21.8345,
-3.2545

■ 100.7110, 21.8345,
-3.2545

■ 255.0000, 0.0000,
0.0000

■ 76.1840, 21.1083,
-3.6694

■ 151.7650, 23.2869,
-2.4249

■ 53.2440, 20.0927,
-4.5990

■ 178.8790, 23.7237,
-2.5249

■ 30.7060, 19.3719,
-6.7582

■ 206.2920, 24.0130,
-2.0101

■ 6.6570, 20.3821,
-4.0842

■ 231.3990, 11.6353,
1.4041

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 100.7110, 21.8345,
-3.2545

■ 100.7110, 21.8345,
-3.2545

■ 88.3070, 27.9496,
-4.6542

■ 113.7020, 15.4299,
-2.3697

■ 75.6150, 34.2068,
-4.9244

■ 125.8070, 9.4621,
-1.5847

■ 63.2110, 40.3220,
-6.3240

■ 138.7980, 3.0576,
-0.6998

■ 50.2200, 46.7265,
-7.2089

■ 151.2020, -3.0576,
0.6998

■ 38.1150, 52.6943,
-7.9939

■ 163.8940, -9.3147,
0.9700

■ 25.1240, 59.0989,
-8.8787

■ 176.2980,
-15.4299, 2.3697

■ 19.2210, 62.0090,
-8.9638

■ 189.2890,
-21.8345, 3.2545

■ 201.3940,

-27.8022, 4.0395

 214.3850,
-34.2068, 4.9244

Harmonies

Analogous

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



92.8100, 28.1947, -36.6674



100.7110, 21.8345, -3.2545



102.7590, 12.4438, 22.1364

Triad

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



100.7110, 21.8345, -3.2545



99.2310, -20.3269, 33.1234



80.1620, 7.3151, -59.7781

Complementary

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



100.7110, 21.8345, -3.2545



138.2890, -21.8345, 3.2545

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.



91.0880, -10.3964, -25.5102



100.7110, 21.8345, -3.2545



97.6930, -24.4986, 17.8092

Square

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



100.7110, 21.8345, -3.2545



99.8050, -10.7499, 41.3900



95.0710, -21.2340, -2.6933



79.5380, 20.4408, -69.7548

Rectangle

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



100.7110, 21.8345, -3.2545



101.8870, 4.9857, 34.3021



95.0710, -21.2340, -2.6933



86.1270, 0.4304, -44.8384

Sweetspot

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



100.7110, 21.8345, -3.2545



170.6930, 9.0254, -1.4848



127.9900, 8.3859, -29.8092



83.6670, 5.0942, -0.5850



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.



100.7110, 21.8345, -3.2545



119.6150, 34.2068, -4.9244



108.1860, 18.1493, 12.1149



65.0970, 2.9102, -0.0851



17.7820, 57.7885, -8.5788



0.9120, 3.4944, -0.7998

Inverse Universe

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



114.7210, 13.4485, 26.5547



141.4700, 20.9673, 41.6838



130.8140, -18.1493, -12.1149



66.8910, 2.0257, 3.6036



54.8430, 35.5734, 70.2977



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 100.7110, 21.8345, -3.2545 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 100.7110, 21.8345, -3.2545 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 100.7110, 21.8345, -3.2545

Background



This preview shows how black text looks on a background with the YUV color 100.7110, 21.8345, -3.2545.



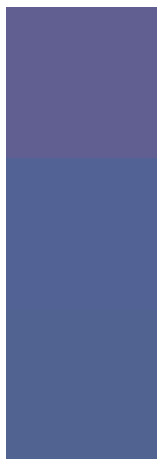
This preview shows how white text looks on a background with the YUV color 100.7110, 21.8345, -3.2545.

-3.2545.

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

100.7110, 21.8345, -3.2545

Protanopia

98.9160, 24.1984, -14.8353

Deuteranopia

98.7480, 22.3092, -15.5650



Tritanopia

98.3240, 5.2633, -8.1771

Trichromacy



Original Color

100.7110, 21.8345, -3.2545

Protanomaly

99.7100, 23.3140, -11.1467

Deuteranomaly

99.3680, 22.0036, -10.8467

Tritanomaly

98.9420, 11.3676, -6.0881

Monochromacy



Original Color

100.7110, 21.8345, -3.2545

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7640, 8.0043, -0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7110, 21.8345, -3.2545 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(97, 94, 145)` looks like.

```
.text, #text, p{  
    color:rgb(97, 94, 145)  
}
```

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(97, 94, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 94, 145) }
```

Border

The CSS property to change the border of an element to YUV 100.7110, 21.8345, -3.2545 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(97, 94, 145) }
```


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

```
.border{ border-color:rgb(97, 94, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 94, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 94, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 94, 145);  
box-shadow:4px 4px 4px 4px rgb(97, 94,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 100.7110, 21.8345, -3.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 94, 145) }
```

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

```
.background{ background-color: rgb(97, 94,  
145) }
```

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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