

Converting Colors

YUV(100.7350, -7.7574,
61.6224)

Have a look what the booklet for
YUV(100.7350, -7.7574, 61.6224)
contains.

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Color

**YUV(100.7350, -7.7574,
61.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	AB4455
RGB	171, 68, 85
RGB Percent	67%, 27%, 33%
CMY	0.3294, 0.7333, 0.6667
CMYK	0.00, 0.60, 0.50, 0.33
HSL	350°, 43%, 47%
HSV	350°, 60%, 67%
XYZ	20.5014, 13.4480, 10.1095
YIQ	100.7350, 55.9310, 27.1230

Conversions

Conversions Part 2

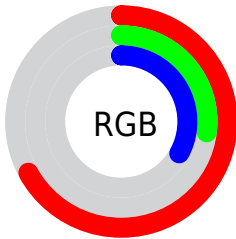
Format	Color
R _Y B	171, 68, 85
Decimal	11224149
CIE Lab	43.43, 43.69, 11.90
CIE LCh	43, 45.285, 15.239
Yxy	13.4480, 0.4653, 0.3052
Android (android.graphics.Color)	4289414229 (0xFFAB4455)
YUV	100.7350, -7.7574, 61.6224
Hunter-Lab	36.6716, 35.6159, 9.3252

Details

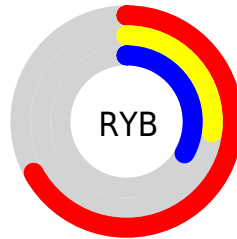
The YUV color **100.7350, -7.7574, 61.6224** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **138.2650, 7.7574, -61.6224**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4860, -10.0996, 66.2258**, and **43.9290, -1.9370, 61.4523** is the 20% darker color. If you saturate the color by 10%, you get **89.1600, -8.9529, 71.7737**, and if you desaturate by 10%, it is **112.3100, -6.5618, 51.4711**.

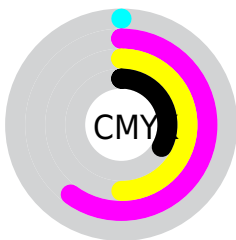
Distribution



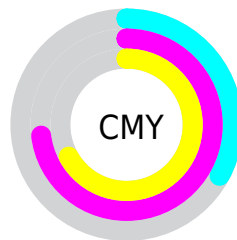
- Red (67%)
- Green (27%)
- Blue (33%)



- Red (67%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (60%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7350, -7.7574, 61.6224 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 100.7350, -7.7574, 61.6224 by changing the saturation by 10% instead.

100.7350, -7.7574,
61.6224

100.7350, -7.7574,
61.6224

255.0000, 0.0000,
0.0000

74.1800, -6.0047,
59.4781

154.4860,
-10.0996, 66.2258

43.9290, -1.9370,
61.4523

180.8880, -9.8048,
64.9962

27.9940, -3.9410,
50.8713

200.4020, -6.1142,
47.8824

17.9400, -8.8444,
36.8866

219.9160, -2.4236,
30.7687

8.7850, -3.8380,
17.7286

240.2450, 1.8512,
12.9401

0.0000, 0.0000,
0.0000

■ 100.7350, -7.7574,
61.6224

■ 100.7350, -7.7574,
61.6224

■ 89.1600, -8.9529,
71.7737

■ 112.3100, -6.5618,
51.4711

■ 77.4710, -10.5852,
82.0249

■ 123.9990, -4.9295,
41.2199

■ 65.8960, -11.7807,
92.1762

■ 135.5740, -3.7340,
31.0686

■ 54.3210, -12.9763,
102.3275

■ 147.1490, -2.5385,
20.9173

■ 158.7240, -1.3429,
10.7661

■ 171.0000, 0.0000,
0.0000

■ 182.5750, 1.1955,
-10.1513

■ 194.1500, 2.3910,

-20.3026

■ 205.7250, 3.5866,
-30.4538

Harmonies

Analogous

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



103.2510, 9.7363, 50.6459



100.7350, -7.7574, 61.6224



100.3260, -24.3177, 53.2111

Triad

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



100.7350, -7.7574, 61.6224



91.1020, -21.7423, -26.3995



85.6940, 44.0279, -75.1536

Complementary

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



100.7350, -7.7574, 61.6224



138.2650, 7.7574, -61.6224

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.



87.5230, 33.2662, -76.7577



100.7350, -7.7574, 61.6224



79.2010, 1.3799, -69.4593

Square

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



100.7350, -7.7574, 61.6224



96.4130, -36.6856, 6.6538



84.8210, 17.8362, -74.3880



98.6830, 37.6243, -27.7860

Rectangle

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



100.7350, -7.7574, 61.6224



99.8440, -33.4471, 41.3558



84.8210, 17.8362, -74.3880



86.8850, 40.9757, -76.1981

Sweetspot

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



100.7350, -7.7574, 61.6224



194.7580, -2.8387, 23.8912



105.4560, 32.3132, 42.5731



95.6320, -1.7906, 14.3547



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



100.7350, -7.7574, 61.6224



112.8040, -12.2284, 95.7649



118.7550, -25.0222, 45.8189



80.8050, -0.8899, 5.4330



47.7000, -11.1911, 89.7171



7.3330, -1.6432, 13.7400

Inverse Universe

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



100.7350, -7.7574, 61.6224



112.8040, -12.2284, 95.7649



120.2450, 25.0222, -45.8189



80.8050, -0.8899, 5.4330



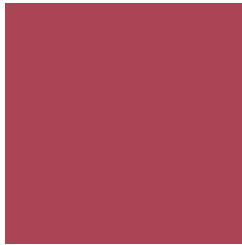
47.7000, -11.1911, 89.7171



7.3330, -1.6432, 13.7400

Previews

White Background



This preview shows how the YUV color 100.7350, -7.7574, 61.6224 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 100.7350, -7.7574, 61.6224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

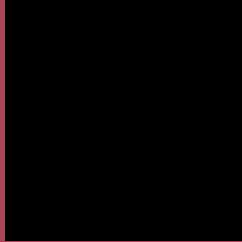
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.7350, -7.7574, 61.6224

Background



This preview shows how black text looks on a background with the YUV color 100.7350, -7.7574, 61.6224.



This preview shows how white text looks on a background with the YUV color 100.7350, -7.7574,

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

100.7350, -7.7574, 61.6224

Protanopia

103.5980, -0.2948, 1.2296

Deuteranopia

103.4120, -11.5421, 15.4247



Tritanopia

100.3560, -12.9935, 61.0778

Trichromacy



Original Color

100.7350, -7.7574, 61.6224

Protanomaly

102.3450, -3.1281, 23.3764

Deuteranomaly

102.5650, -10.1385, 31.9535

Tritanomaly

100.2250, -10.9569, 61.1927

Monochromacy



Original Color

100.7350, -7.7574, 61.6224

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7470, -2.8333, 22.1469

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7350, -7.7574, 61.6224 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(171, 68, 85)` looks like.

```
.text, #text, p{  
    color:rgb(171, 68, 85)  
}
```

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(171, 68, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 68, 85) }
```

Border

The CSS property to change the border of an element to YUV 100.7350, -7.7574, 61.6224 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(171, 68, 85) }
```


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

```
.border{ border-color:rgb(171, 68, 85) }
```

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

Here you see how a box with a 4 pixel rgb(171, 68, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 68, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 68, 85);  
box-shadow:4px 4px 4px 4px rgb(171, 68,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 100.7350, -7.7574, 61.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 68, 85) }
```

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

```
.background{ background-color: rgb(171, 68,  
85) }
```

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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