

Converting Colors

YUV(105.5230, 16.9972, 8.3113)

Have a look what the booklet for
YUV(105.5230, 16.9972, 8.3113)
contains.

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Color

**YUV(105.5230, 16.9972,
8.3113)**

Conversions

Conversions Part 1

Format	Color
Hex	735E8C
RGB	115, 94, 140
RGB Percent	45%, 37%, 55%
CMY	0.5490, 0.6314, 0.4510
CMYK	0.18, 0.33, 0.00, 0.45
HSL	267°, 20%, 46%
HSV	267°, 33%, 55%
XYZ	15.8066, 13.5437, 26.5920
YIQ	105.5230, -2.2500, 18.7580

Conversions

Conversions Part 2

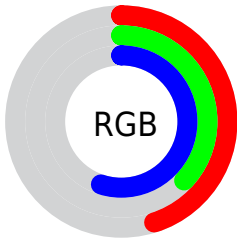
Format	Color
R_{YB}	115, 94, 140
Decimal	7560844
CIE _{Lab}	43.57, 18.19, -22.31
CIE _{LCh}	44, 28.780, 309.193
Yxy	13.5437, 0.2826, 0.2421
Android (android.graphics.Color)	4285750924 (0xFF735E8C)
YUV	105.5230, 16.9972, 8.3113
Hunter-Lab	36.8018, 12.2637, -17.0803

Details

The YUV color **105.5230, 16.9972, 8.3113** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.4770, -16.9972, -8.3113**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.4630, 18.0127, 9.2409**, and **58.1700, 15.6922, 6.8669** is the 20% darker color. If you saturate the color by 10%, you get **94.9130, 22.2279, 10.6003**, and if you desaturate by 10%, it is **116.1330, 11.7664, 6.0224**.

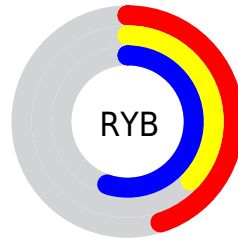
Distribution



Red (45%)

Green (37%)

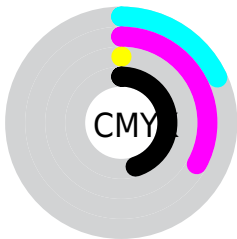
Blue (55%)



Red (45%)

Yellow (37%)

Blue (55%)

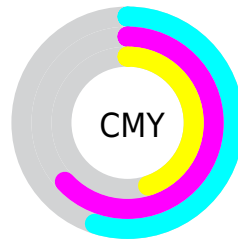


Cyan (18%)

Magenta (33%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (63%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.5230, 16.9972, 8.3113 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 105.5230, 16.9972, 8.3113 by changing the saturation by 10% instead.

■ 105.5230, 16.9972,
8.3113

■ 105.5230, 16.9972,
8.3113

■ 255.0000, 0.0000,
0.0000

■ 80.9960, 16.2710,
7.8965

■ 157.4630, 18.0127,
9.2409

■ 58.1700, 15.6922,
6.8669

■ 183.9900, 18.7389,
9.6558

■ 35.6430, 14.9660,
6.4521

■ 211.9900, 18.7389,
9.6558

■ 13.0670, 15.2500,
8.7112

■ 237.6670, 8.5452,
12.5700

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 105.5230, 16.9972,
8.3113

■ 105.5230, 16.9972,
8.3113

■ 94.9130, 22.2279,
10.6003

■ 116.1330, 11.7664,
6.0224

■ 84.6020, 27.3112,
13.5040

■ 126.4440, 6.6831,
3.1186

■ 73.9920, 32.5419,
15.7930

■ 137.0540, 1.4524,
0.8296

■ 63.6810, 37.6253,
18.6968

■ 147.3650, -3.6309,
-2.0741

■ 53.0710, 42.8560,
20.9857

■ 157.9750, -8.8617,
-4.3631

■ 42.4610, 48.0867,
23.2747

■ 168.5850,
-14.0924, -6.6520

■ 35.0960, 51.7177,
25.3488

■ 178.8960,
-19.1757, -9.5558

■ 189.5060,

-24.4065, -11.8448

 199.8170,
-29.4898, -14.7485

Harmonies

Analogous

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



101.1820, 24.0673, -19.4536



105.5230, 16.9972, 8.3113



105.7230, 7.0386, 29.1839

Triad

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



105.5230, 16.9972, 8.3113



102.5460, -21.4682, 25.8312



82.1270, 13.7414, -67.6404

Complementary

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



105.5230, 16.9972, 8.3113



128.4770, -16.9972, -8.3113

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.



92.7540, -3.8227, -33.9873



105.5230, 16.9972, 8.3113



100.5070, -22.4350, 9.2024

Square

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



105.5230, 16.9972, 8.3113



103.7460, -14.6648, 37.0568



97.3950, -15.9707, -10.8704



81.9660, 24.6668, -71.8842

Rectangle

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



105.5230, 16.9972, 8.3113



105.2310, -0.1139, 36.6314



97.3950, -15.9707, -10.8704



87.0920, 6.8566, -52.7007

Sweetspot

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



105.5230, 16.9972, 8.3113



167.4440, 6.6831, 3.1186



113.9190, 12.8579, -17.4690



83.7490, 4.0677, 1.9741



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



105.5230, 16.9972, 8.3113



127.9610, 26.1482, 13.1892



112.4000, 13.6068, 22.4512



63.6950, 2.6154, 1.1445



33.4010, 49.1023, 24.2043



1.1680, 1.8892, 0.7297

Inverse Universe

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



110.6040, 4.1392, 25.7803



135.6750, 6.5692, 39.7500



121.6000, -13.6068, -22.4512



64.5490, 0.7153, 3.9035



47.9750, 11.8443, 74.5669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 105.5230, 16.9972, 8.3113 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 105.5230, 16.9972, 8.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

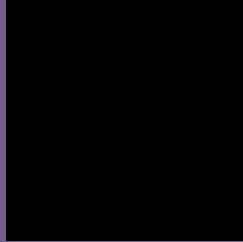
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.5230, 16.9972, 8.3113

Background



This preview shows how black text looks on a background with the YUV color 105.5230, 16.9972, 8.3113.



This preview shows how white text looks on a background with the YUV color 105.5230, 16.9972, 8.3113.

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

105.5230, 16.9972, 8.3113

Protanopia

103.1290, 21.1354, -12.3911

Deuteranopia

103.4130, 17.0514, -9.1322



Tritanopia

103.9020, 2.0203, 5.3479

Trichromacy



Original Color

105.5230, 16.9972, 8.3113

Protanomaly

103.8310, 19.8033, -5.1138

Deuteranomaly

104.1580, 17.1771, -2.7696

Tritanomaly

104.6940, 7.5459, 6.4074

Monochromacy



Original Color

105.5230, 16.9972, 8.3113

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.5230, 16.9972, 8.3113 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(115, 94, 140)` looks like.

```
.text, #text, p{  
    color:rgb(115, 94, 140)  
}
```

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(115, 94, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 94, 140) }
```

Border

The CSS property to change the border of an element to YUV 105.5230, 16.9972, 8.3113 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(115, 94, 140) }
```


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

```
.border{ border-color:rgb(115, 94, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 94, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 94, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 94, 140);  
box-shadow:4px 4px 4px 4px rgb(115, 94,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 105.5230, 16.9972, 8.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 94, 140) }
```

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

```
.background{ background-color: rgb(115, 94,  
140) }
```

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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