

Converting Colors

YUV(100.0820, 5.8756, 28.8691)

Have a look what the booklet for
YUV(100.0820, 5.8756, 28.8691)
contains.

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Color

**YUV(100.0820, 5.8756,
28.8691)**

Conversions

Conversions Part 1

Format	Color
Hex	855170
RGB	133, 81, 112
RGB Percent	52%, 32%, 44%
CMY	0.4784, 0.6824, 0.5608
CMYK	0.00, 0.39, 0.16, 0.48
HSL	324°, 24%, 42%
HSV	324°, 39%, 52%
XYZ	15.5399, 12.0413, 16.8344
YIQ	100.0820, 21.0410, 20.6650

Conversions

Conversions Part 2

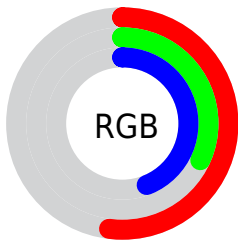
Format	Color
R_{YB}	133, 81, 112
Decimal	8737136
CIE Lab	41.28, 26.50, -8.58
CIE LCh	41, 27.857, 342.056
Yxy	12.0413, 0.3499, 0.2711
Android (android.graphics.Color)	4286927216 (0xFF855170)
YUV	100.0820, 5.8756, 28.8691
Hunter-Lab	34.7005, 19.2117, -4.4732

Details

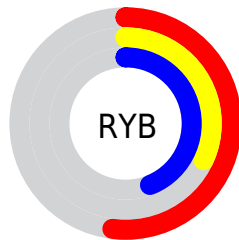
The YUV color **100.0820, 5.8756, 28.8691** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **113.9180, -5.8756, -28.8691**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5060, 6.1595, 31.1282**, and **51.7720, 6.0284, 26.5100** is the 20% darker color. If you saturate the color by 10%, you get **91.8810, 7.4537, 36.0614**, and if you desaturate by 10%, it is **108.2830, 4.2975, 21.6768**.

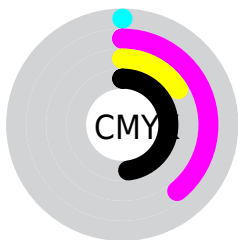
Distribution



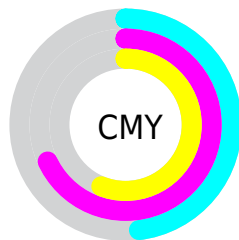
- Red (52%)
- Green (32%)
- Blue (44%)



- Red (52%)
- Yellow (32%)
- Blue (44%)



- Cyan (0%)
- Magenta (39%)
- Yellow (16%)
- Black (48%)





- Cyan (48%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.0820, 5.8756, 28.8691 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 100.0820, 5.8756, 28.8691 by changing the saturation by 10% instead.

 100.0820, 5.8756,
28.8691

 100.0820, 5.8756,
28.8691

255.0000, 0.0000,
0.0000

 75.4840, 6.1704,
27.6395

 151.5060, 6.1595,
31.1282


 51.7720, 6.0284,
26.5100

 178.8050, 6.0121,
31.7430


 28.5870, 6.6126,
25.7952

 206.5170, 6.1541,
32.8726

 13.8700, 4.0081,
21.1620

 229.4340, 8.6600,
22.4214

 0.0000, 0.0000,
0.0000

 246.7820, 4.0515,
7.2072

100.0820, 5.8756,
28.8691

100.0820, 5.8756,
28.8691

91.8810, 7.4537,
36.0614

108.2830, 4.2975,
21.6768

82.9790, 8.8844,
43.8684

117.1850, 2.8668,
13.8698

74.7780, 10.4624,
51.0607

125.3860, 1.2887,
6.6775

66.5770, 12.0405,
58.2530

133.5870, -0.2894,
-0.5148

58.2620, 13.1818,
65.5452

142.4890, -1.7201,
-8.3219

49.4740, 15.0493,
73.2523

150.6900, -3.2982,
-15.5141

48.7730, 14.9019,
73.8671

159.0050, -4.4395,
-22.8064

167.2060, -6.0176,

-29.9987

■ 175.9940, -7.8850,
-37.7057

Harmonies

Analogous

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



100.0780, 15.2445, 10.4556



100.0820, 5.8756, 28.8691



98.6780, -4.7713, 37.1164

Triad

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



100.0820, 5.8756, 28.8691



94.8380, -21.1191, 7.1581



77.8740, 24.2191, -68.2955

Complementary

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



100.0820, 5.8756, 28.8691



113.9180, -5.8756, -28.8691

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.



76.0670, 14.7570, -66.7108



100.0820, 5.8756, 28.8691



92.1390, -14.3655, -12.3999

Square

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



100.0820, 5.8756, 28.8691



96.6490, -21.0260, 23.9868



86.9110, -1.9281, -35.0019



86.8750, 26.1906, -47.2484

Rectangle

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



100.0820, 5.8756, 28.8691



98.4300, -12.0440, 36.4569



86.9110, -1.9281, -35.0019



77.7770, 21.3089, -68.2104

Sweetspot

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



100.0820, 5.8756, 28.8691



160.3480, 2.2934, 11.0958



93.2070, 19.6179, 7.7115



79.3860, 1.2887, 6.6775



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



100.0820, 5.8756, 28.8691



121.6910, 9.0263, 44.9980



97.1180, -5.4812, 31.4685



62.2500, 0.8628, 3.2888



47.7620, 14.9073, 72.1227



1.1250, 0.4314, 1.6444

Inverse Universe

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



100.0820, 5.8756, 28.8691



121.6910, 9.0263, 44.9980



116.8820, 5.4812, -31.4685



62.2500, 0.8628, 3.2888



47.7620, 14.9073, 72.1227



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 100.0820, 5.8756, 28.8691 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 100.0820, 5.8756, 28.8691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

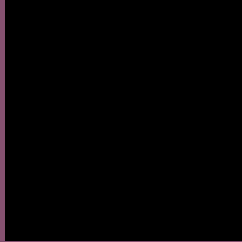
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.0820, 5.8756, 28.8691

Background



This preview shows how black text looks on a background with the YUV color 100.0820, 5.8756, 28.8691.



This preview shows how white text looks on a background with the YUV color 100.0820, 5.8756,

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

100.0820, 5.8756, 28.8691

Protanopia

98.1700, 12.2412, -6.2881

Deuteranopia

98.6890, 5.0833, 2.9037



Tritanopia

99.4380, -4.1599, 27.6799

Trichromacy



Original Color

100.0820, 5.8756, 28.8691

Protanomaly

98.6770, 10.0192, 6.4223

Deuteranomaly

99.1570, 5.3456, 12.1403

Tritanomaly

100.0620, -0.5236, 28.0096

Monochromacy



Original Color

100.0820, 5.8756, 28.8691

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9350, 2.0040, 10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0820, 5.8756, 28.8691 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(133, 81, 112)` looks like.

```
.text, #text, p{  
    color:rgb(133, 81, 112)  
}
```

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(133, 81, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 81, 112) }
```

Border

The CSS property to change the border of an element to YUV 100.0820, 5.8756, 28.8691 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(133, 81, 112) }
```


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

```
.border{ border-color:rgb(133, 81, 112) }
```

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

Here you see how a box with a 4 pixel rgb(133, 81, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 81, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 81, 112);  
box-shadow:4px 4px 4px 4px rgb(133, 81,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 100.0820, 5.8756, 28.8691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 81, 112) }
```

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

```
.background{ background-color: rgb(133, 81,  
112) }
```

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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