

Converting Colors

YUV(108.3860, 52.5607,
128.5805)

Have a look what the booklet for
YUV(108.3860, 52.5607, 128.5805)
contains.

YUV(108.3860, 52.5607, 128.5805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(108.3860, 52.5607,
128.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0DD7
RGB	255, 13, 215
RGB Percent	100%, 5%, 84%
CMY	0.0000, 0.9490, 0.1569
CMYK	0.00, 0.95, 0.16, 0.00
HSL	310°, 100%, 53%
HSV	310°, 95%, 100%
XYZ	53.6497, 26.4541, 66.5685
YIQ	108.3860, 79.3900, 114.1260

Conversions

Conversions Part 2

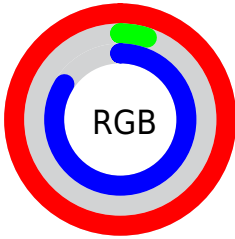
Format	Color
R_{YB}	255, 13, 215
Decimal	16715223
CIE _{Lab}	58.47, 92.25, -41.36
CIE _{LCh}	58, 101.092, 335.852
Yxy	26.4541, 0.3658, 0.1804
Android (android.graphics.Color)	4294905303 (0xFFFF0DD7)
YUV	108.3860, 52.5607, 128.5805
Hunter-Lab	51.4336, 96.1821, -40.7332

Details

The YUV color **108.3860, 52.5607, 128.5805** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **159.6140, -52.5607, -128.5805**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5370, 43.1193, 76.7051**, and **75.9470, 41.4381, 102.6555** is the 20% darker color. If you saturate the color by 10%, you get **100.5270, 55.4492, 135.4728**, and if you desaturate by 10%, it is **124.1040, 46.7837, 114.7958**.

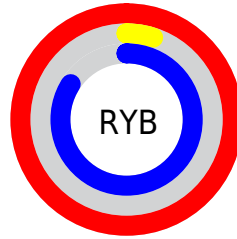
Distribution



Red (100%)

Green (5%)

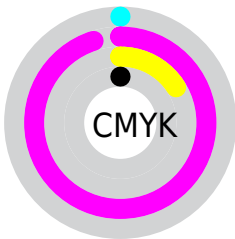
Blue (84%)



Red (100%)

Yellow (5%)

Blue (84%)

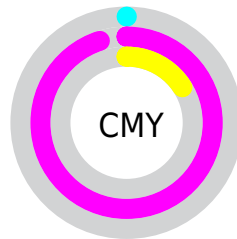


Cyan (0%)

Magenta (95%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (95%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.3860, 52.5607, 128.5805 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 108.3860, 52.5607, 128.5805 by changing the saturation by 10% instead.


 108.3860, 52.5607,
128.5805


 108.3860, 52.5607,
128.5805


255.0000, 0.0000,
0.0000


 88.2940, 48.6621,
119.0142


 167.5370, 43.1193,
76.7051


 75.9470, 41.4381,
102.6555


 186.3210, 33.8587,
60.2315


 63.8990, 34.0668,
86.9116


 205.1050, 24.5982,
43.7579

 51.9650, 27.1323,
71.0677

 222.7150, 15.9165,
28.3139

 40.1450, 20.6345,
55.1238

 240.9120, 6.9454,
12.3552

 29.1510, 14.7156,
40.2096

 17.5590, 9.0914,

24.0658

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 108.3860, 52.5607,
128.5805

■ 108.3860, 52.5607,
128.5805

■ 100.5270, 55.4492,
135.4728

■ 124.1040, 46.7837,
114.7958

■ 139.2350, 41.2961,
101.5259

■ 155.0670, 35.9560,
87.6412

■ 170.1980, 30.4684,
74.3714

185.9160, 24.6914,
60.5867

201.0470, 19.2038,
47.3168

216.8790, 13.8637,
33.4321

232.0100, 8.3761,
20.1622

247.7280, 2.5991,
6.3775

Harmonies

Analogous

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



136.7400, 58.3022, 13.3830



108.3860, 52.5607, 128.5805



90.8370, 18.3214, 143.9710

Triad

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



108.3860, 52.5607, 128.5805



130.5850, -64.3784, 22.2890



131.1280, 55.6459, -114.9993

Complementary

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



108.3860, 52.5607, 128.5805



159.6140, -52.5607, -128.5805

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.



121.0960, 17.2077, -106.2012



108.3860, 52.5607, 128.5805



109.7340, -54.0989, -55.0177

Square

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



108.3860, 52.5607, 128.5805



130.3830, -64.2788, 83.8561



107.9180, -23.1306, -94.6441



128.2730, 62.4764, -112.4954

Rectangle

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



108.3860, 52.5607, 128.5805



84.2250, -7.0129, 149.7697



107.9180, -23.1306, -94.6441



127.9360, 43.4156, -112.1999

Sweetspot

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



108.3860, 52.5607, 128.5805



211.9550, 15.3052, 37.7505



51.3520, 100.3985, -2.0627



101.2600, 9.2388, 23.4510



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



108.3860, 52.5607, 128.5805



100.5270, 55.4492, 135.4728



95.0480, 1.4553, 140.2779



120.0270, 2.4517, 6.9923



75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469

Inverse Universe

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



108.3860, 52.5607, 128.5805



100.5270, 55.4492, 135.4728



172.9520, -1.4553, -140.2779



120.0270, 2.4517, 6.9923



75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 108.3860, 52.5607, 128.5805 looks on a white background.

Color Contrast Check

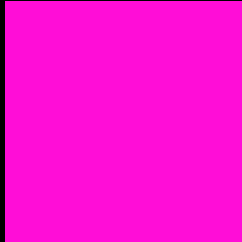
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 108.3860, 52.5607, 128.5805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

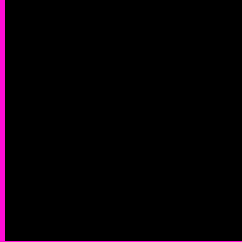
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.3860, 52.5607, 128.5805 Background



This preview shows how black text looks on a background with the YUV color 108.3860, 52.5607, 128.5805.



This preview shows how white text looks on a background with the YUV color 108.3860, 52.5607,

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

108.3860, 52.5607, 128.5805

Protanopia

134.5940, 59.3602, -46.1249

Deuteranopia

140.4900, 30.3244, -19.7237



Tritanopia

133.1110, -21.2537, 97.2497

Trichromacy



Original Color

108.3860, 52.5607, 128.5805



Protanomaly

125.3060, 56.5441, 17.2716



Deuteranomaly

129.0080, 38.4501, 34.1960



Tritanomaly

124.1750, 5.3367, 108.5945

Monochromacy



Original Color

108.3860, 52.5607, 128.5805



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

107.7480, 19.3512, 46.7020

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3860, 52.5607, 128.5805 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(255, 13, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 13, 215)  
}
```

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(255, 13, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 13, 215) }
```

Border

The CSS property to change the border of an element to YUV 108.3860, 52.5607, 128.5805 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(255, 13, 215) }
```


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

```
.border{ border-color:rgb(255, 13, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 13, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 13, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 13, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 13,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 108.3860, 52.5607, 128.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 13, 215) }
```

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

```
.background{ background-color: rgb(255, 13,  
215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor