

Converting Colors

YUV(100.8210, 52.8392,
132.5840)

Have a look what the booklet for
YUV(100.8210, 52.8392, 132.5840)
contains.

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Color

**YUV(100.8210, 52.8392,
132.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	FC03D0
RGB	252, 3, 208
RGB Percent	99%, 1%, 82%
CMY	0.0118, 0.9882, 0.1843
CMYK	0.00, 0.99, 0.17, 0.01
HSL	311°, 98%, 50%
HSV	311°, 99%, 99%
XYZ	51.5626, 25.3146, 61.8431
YIQ	100.8210, 82.5990, 116.5430

Conversions

Conversions Part 2

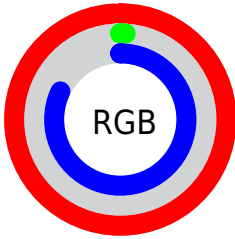
Format	Color
R _Y B	252, 3, 208
Decimal	16516048
CIE Lab	57.38, 91.49, -39.11
CIE LCh	57, 99.502, 336.854
Yxy	25.3146, 0.3717, 0.1825
Android (android.graphics.Color)	4294706128 (0xFFFC03D0)
YUV	100.8210, 52.8392, 132.5840
Hunter-Lab	50.3137, 94.8821, -37.6568

Details

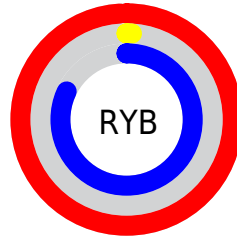
The YUV color **100.8210, 52.8392, 132.5840** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **154.1790, -52.8392, -132.5840**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **74.2520, 38.8228, 101.5110** is the 20% darker color. If you saturate the color by 10%, you get **98.9460, 53.2706, 134.2284**, and if you desaturate by 10%, it is **115.9520, 47.3517, 119.3141**.

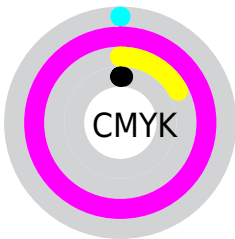
Distribution



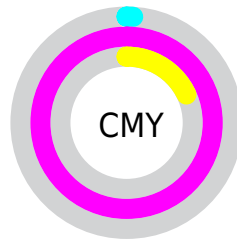
- Red (99%)
- Green (1%)
- Blue (82%)



- Red (99%)
- Yellow (1%)
- Blue (82%)



- Cyan (0%)
- Magenta (99%)
- Yellow (17%)
- Black (1%)





- Cyan (1%)
- Magenta (99%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.8210, 52.8392, 132.5840 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 100.8210, 52.8392, 132.5840 by changing the saturation by 10% instead.


 100.8210, 52.8392,
132.5840


 100.8210, 52.8392,
132.5840


255.0000, 0.0000,
0.0000


 86.5990, 46.0467,
117.8697


 165.7760, 43.9874,
78.2494


 74.2520, 38.8228,
101.5110


 185.1470, 34.4375,
61.2611

 62.3180, 31.8882,
85.6671


 203.3440, 25.4664,
45.3023

 50.3840, 24.9537,
69.8232

 221.5410, 16.4953,
29.3435

 38.6780, 18.8927,
53.7794

 239.7380, 7.5242,
13.3848

 27.5700, 12.5370,
38.9651

 16.0920, 7.3496,

22.7213

■ 0.0000, 0.0000,
0.0000

■ 100.8210, 52.8392,
132.5840

■ 100.8210, 52.8392,
132.5840

■ 98.9460, 53.2706,
134.2284

■ 115.9520, 47.3517,
119.3141

■ 131.1970, 42.3009,
105.9442

■ 146.9150, 36.5239,
92.1595

■ 162.1600, 31.4731,
78.7897

■ 177.2910, 25.9855,
65.5198

■ 192.5360, 20.9348,
52.1499

■ 207.6670, 15.4472,
38.8800

■ 223.4990, 10.1070,
24.9954

■ 238.6300, 4.6194,
11.7255

Harmonies

Analogous

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



135.2890, 59.0175, 17.2865



100.8210, 52.8392, 132.5840



90.1530, 15.7006, 144.5708

Triad

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



100.8210, 52.8392, 132.5840



127.6170, -62.9152, 19.6299



128.4380, 55.4931, -112.6401

Complementary

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



100.8210, 52.8392, 132.5840



154.1790, -52.8392, -132.5840

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.



118.7480, 18.3652, -104.1420



100.8210, 52.8392, 132.5840



105.5810, -52.0514, -58.3915

Square

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



100.8210, 52.8392, 132.5840



128.0020, -63.1050, 80.6822



106.3850, -21.3888, -93.2996



125.9250, 63.6340, -110.4362

Rectangle

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



100.8210, 52.8392, 132.5840



83.7690, -8.7601, 150.1696



106.3850, -21.3888, -93.2996



126.0610, 43.8469, -110.5555

Sweetspot

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



100.8210, 52.8392, 132.5840



208.7920, 15.8785, 40.5244



43.6450, 102.7190, 0.3113



99.9720, 9.3808, 24.5806



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.



100.8210, 52.8392, 132.5840



100.1850, 54.1388, 135.7728



86.9130, -0.4501, 144.7813



117.1410, 2.8885, 6.8923



74.1810, 39.8438, 100.6963



23.9390, 12.8481, 32.5025

Inverse Universe

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



100.8210, 52.8392, 132.5840



100.1850, 54.1388, 135.7728



168.0870, 0.4501, -144.7813



117.1410, 2.8885, 6.8923



74.1810, 39.8438, 100.6963



23.9390, 12.8481, 32.5025

Previews

White Background



This preview shows how the YUV color 100.8210, 52.8392, 132.5840 looks on a white background.

Color Contrast Check

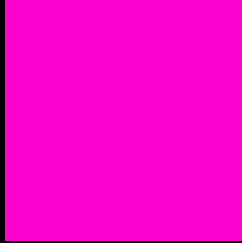
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.8210, 52.8392, 132.5840 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 100.8210, 52.8392, 132.5840 Background



This preview shows how black text looks on a background with the YUV color 100.8210, 52.8392, 132.5840.



This preview shows how white text looks on a background with the YUV color 100.8210, 52.8392, 132.5840.

132.5840.

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

100.8210, 52.8392, 132.5840

Protanopia

131.3380, 60.9654, -47.6544

Deuteranopia

138.2300, 27.9876, -16.8647



Tritanopia

130.2960, -21.8379, 97.9644

Trichromacy



Original Color

100.8210, 52.8392, 132.5840



Protanomaly

120.3600, 57.9965, 18.1013



Deuteranomaly

124.3890, 37.2762, 37.3698



Tritanomaly

119.4850, 5.1839, 110.9537

Monochromacy



Original Color

100.8210, 52.8392, 132.5840



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

100.7590, 19.3458, 48.4464

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.8210, 52.8392, 132.5840 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(252, 3, 208)` looks like.

```
.text, #text, p{  
    color:rgb(252, 3, 208)  
}
```

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(252, 3, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 3, 208) }
```

Border

The CSS property to change the border of an element to YUV 100.8210, 52.8392, 132.5840 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(252, 3, 208) }
```


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

```
.border{ border-color:rgb(252, 3, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 3, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 3, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 3, 208);  
box-shadow:4px 4px 4px 4px rgb(252, 3,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 100.8210, 52.8392, 132.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 3, 208) }
```

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

```
.background{ background-color: rgb(252, 3,  
208) }
```

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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