

Converting Colors

YUV(108.3290, 52.0958,
90.9195)

Have a look what the booklet for
YUV(108.3290, 52.0958, 90.9195)
contains.

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Color

**YUV(108.3290, 52.0958,
90.9195)**

Conversions

Conversions Part 1

Format	Color
Hex	D423D6
RGB	212, 35, 214
RGB Percent	83%, 14%, 84%
CMY	0.1686, 0.8627, 0.1608
CMYK	0.01, 0.84, 0.00, 0.16
HSL	299°, 72%, 49%
HSV	299°, 84%, 84%
XYZ	39.8900, 20.0542, 65.3867
YIQ	108.3290, 48.0330, 93.1930

Conversions

Conversions Part 2

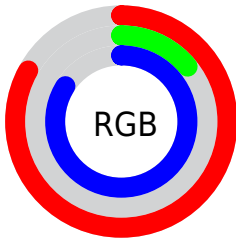
Format	Color
R _Y B	212, 35, 214
Decimal	13902806
CIE Lab	51.90, 81.69, -51.67
CIE LCh	52, 96.655, 327.685
Yxy	20.0542, 0.3183, 0.1600
Android (android.graphics.Color)	4292092886 (0xFFD423D6)
YUV	108.3290, 52.0958, 90.9195
Hunter-Lab	44.7819, 80.6329, -55.2230

Details

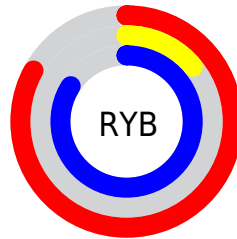
The YUV color **108.3290, 52.0958, 90.9195** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **140.6710, -52.0958, -90.9195**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5370, 43.1193, 76.7051**, and **63.7590, 46.4608, 78.2644** is the 20% darker color. If you saturate the color by 10%, you get **96.0020, 58.1730, 101.7302**, and if you desaturate by 10%, it is **120.6560, 46.0186, 80.1087**.

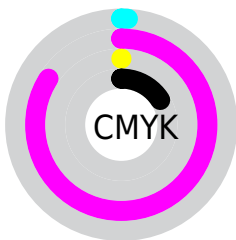
Distribution



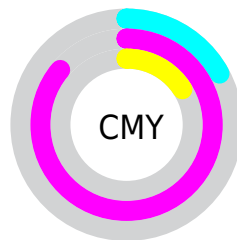
- Red (83%)
- Green (14%)
- Blue (84%)



- Red (83%)
- Yellow (14%)
- Blue (84%)



- Cyan (1%)
- Magenta (84%)
- Yellow (0%)
- Black (16%)





- Cyan (17%)
- Magenta (86%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.3290, 52.0958, 90.9195 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 108.3290, 52.0958, 90.9195 by changing the saturation by 10% instead.


 108.3290, 52.0958,
90.9195


 108.3290, 52.0958,
90.9195


255.0000, 0.0000,
0.0000


 75.6220, 54.4164,
93.2935


 167.5370, 43.1193,
76.7051


 63.7590, 46.4608,
78.2644


 185.1470, 34.4375,
61.2611

 52.1240, 39.3789,
63.0353


 202.7570, 25.7558,
45.8171

 40.4890, 32.2969,
47.8061

 220.3670, 17.0741,
30.3731

 29.5660, 25.3570,
33.7066

 237.9770, 8.3923,
14.9292

 17.8600, 19.2960,
17.6628

 3.8760, 14.8511,

-3.3993

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 108.3290, 52.0958,
90.9195

■ 108.3290, 52.0958,
90.9195

■ 96.0020, 58.1730,
101.7302

■ 120.6560, 46.0186,
80.1087

■ 87.7840, 62.2245,
108.9374

■ 133.5700, 39.6520,
68.7831

■ 146.1960, 33.4274,
58.5871

■ 159.1100, 27.0608,
47.2615

■ 171.4370, 20.9836,
36.4508

■ 183.7640, 14.9063,
25.6400

■ 196.9770, 8.3923,
14.9292

■ 209.3040, 2.3151,
4.1184

■ 222.2180, -4.0515,
-7.2072

Harmonies

Analogous

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



113.1410, 69.9365, -31.6957



108.3290, 52.0958, 90.9195



91.5210, 20.9421, 143.3711

Triad

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



108.3290, 52.0958, 90.9195



116.4970, -57.4330, 34.6441



114.2580, 41.7778, -100.2043

Complementary

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



108.3290, 52.0958, 90.9195



140.6710, -52.0958, -90.9195

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.



104.0950, 5.3762, -91.2913



108.3290, 52.0958, 90.9195



103.7080, -51.1280, -27.8079

Square

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



108.3290, 52.0958, 90.9195



110.6690, -54.5598, 93.2523



89.8910, -38.8933, -78.8344



118.8810, 67.1067, -104.2586

Rectangle

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



108.3290, 52.0958, 90.9195



85.3650, -2.6449, 148.7699



89.8910, -38.8933, -78.8344



111.1800, 29.9843, -97.5049

Sweetspot

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



108.3290, 52.0958, 90.9195



217.1330, 18.6684, 32.3324



57.1670, 77.3187, -19.4405



104.8080, 11.4337, 19.4624



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.



108.3290, 52.0958, 90.9195



104.4180, 74.2369, 129.4294



99.0090, 13.7996, 100.8471



100.5430, 3.1833, 5.6628



70.0250, 49.7807, 86.8011



17.7590, 12.4438, 22.1364

Inverse Universe

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



88.7490, -25.5123, 109.8451



76.5870, -36.2784, 156.4682



149.9910, -13.7996, -100.8471



99.4030, -1.1847, 6.6626



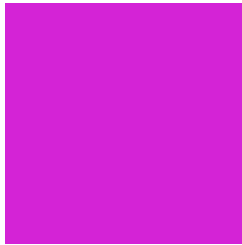
51.3570, -24.3330, 104.9269



12.8570, -6.3385, 26.4354

Previews

White Background



This preview shows how the YUV color 108.3290, 52.0958, 90.9195 looks on a white background.

Color Contrast Check

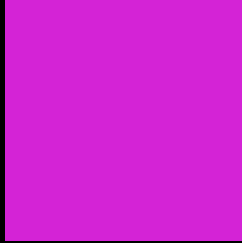
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.3290, 52.0958, 90.9195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

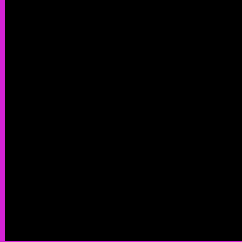
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.3290, 52.0958, 90.9195

Background



This preview shows how black text looks on a background with the YUV color 108.3290, 52.0958, 90.9195.



This preview shows how white text looks on a background with the YUV color 108.3290, 52.0958, 90.9195.

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

108.3290, 52.0958, 90.9195

Protanopia

99.3960, 76.2198, -87.1703

Deuteranopia

119.4260, 40.7090, -37.2076



Tritanopia

122.5740, -13.5940, 67.0256

Trichromacy



Original Color

108.3290, 52.0958, 90.9195



Protanomaly

102.5120, 67.2886, -22.3740



Deuteranomaly

115.1620, 44.7831, 9.5049



Tritanomaly

117.2310, 10.2391, 76.0964

Monochromacy



Original Color

108.3290, 52.0958, 90.9195



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

107.9590, 19.2472, 33.3620

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3290, 52.0958, 90.9195 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(212, 35, 214)` looks like.

```
.text, #text, p{  
    color:rgb(212, 35, 214)  
}
```

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(212, 35, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 35, 214) }
```

Border

The CSS property to change the border of an element to YUV 108.3290, 52.0958, 90.9195 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(212, 35, 214) }
```


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

```
.border{ border-color:rgb(212, 35, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 35, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 35, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 35, 214);  
box-shadow:4px 4px 4px 4px rgb(212, 35,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 108.3290, 52.0958, 90.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 35, 214) }
```

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

```
.background{ background-color: rgb(212, 35,  
214) }
```

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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