

Converting Colors

YUV(92.7090, 55.8525, 99.3562)

Have a look what the booklet for
YUV(92.7090, 55.8525, 99.3562)
contains.

YUV(92.7090, 55.8525, 99.3562)	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(92.7090, 55.8525,
99.3562)**

Conversions

Conversions Part 1

Format	Color
Hex	CE0DCE
RGB	206, 13, 206
RGB Percent	81%, 5%, 81%
CMY	0.1922, 0.9490, 0.1922
CMYK	0.00, 0.94, 0.00, 0.19
HSL	300°, 88%, 43%
HSV	300°, 94%, 81%
XYZ	36.7381, 17.8659, 59.9047
YIQ	92.7090, 53.0750, 100.9390

Conversions

Conversions Part 2

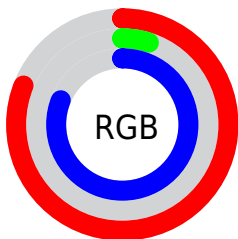
Format	Color
RYB	206, 13, 206
Decimal	13503950
CIELab	49.33, 82.61, -51.24
CIELCh	49, 97.211, 328.191
Yxy	17.8659, 0.3208, 0.1560
Android (android.graphics.Color)	4291694030 (0xFFCE0DCE)
YUV	92.7090, 55.8525, 99.3562
Hunter-Lab	42.2681, 81.1776, -54.4415

Details

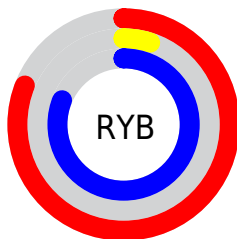
The YUV color **92.7090, 55.8525, 99.3562** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **126.2910, -55.8525, -99.3562**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6670, 46.0132, 81.8530**, and **61.1670, 44.2877, 75.2755** is the 20% darker color. If you saturate the color by 10%, you get **85.0780, 59.6145, 106.0486**, and if you desaturate by 10%, it is **105.0360, 49.7753, 88.5454**.

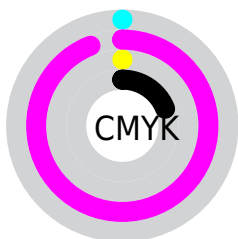
Distribution



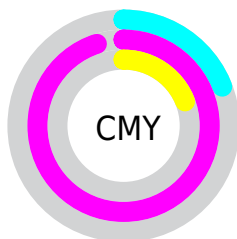
- Red (81%)
- Green (5%)
- Blue (81%)



- Red (81%)
- Yellow (5%)
- Blue (81%)



- Cyan (0%)
- Magenta (94%)
- Yellow (0%)
- Black (19%)





- Cyan (19%)
- Magenta (95%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.7090, 55.8525, 99.3562 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 92.7090, 55.8525, 99.3562 by changing the saturation by 10% instead.


 92.7090, 55.8525,
99.3562


 92.7090, 55.8525,
99.3562


255.0000, 0.0000,
0.0000


 72.9160, 51.8064,
90.4047

 161.6670, 46.0132,
81.8530


 61.1670, 44.2877,
75.2755


 179.8640, 37.0420,
65.8943


 49.4180, 36.7689,
60.1464

 197.4740, 28.3603,
50.4503


 37.8970, 30.1238,
44.8173

 215.0840, 19.6786,
35.0063

 27.2730, 23.0364,
31.3326

 232.6940, 10.9969,
19.5624

 14.9690, 17.2703,
14.0592

 250.3040, 2.3151,

 3.7790, 11.9410,

4.1184

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 92.7090, 55.8525,
99.3562

■ 92.7090, 55.8525,
99.3562

■ 85.0780, 59.6145,
106.0486

■ 105.0360, 49.7753,
88.5454

■ 116.7760, 43.9874,
78.2494

■ 129.1030, 37.9102,
67.4387

■ 140.8430, 32.1224,
57.1427

■ 153.1700, 26.0452,
46.3319

■ 165.4970, 19.9680,
35.5211

■ 177.2370, 14.1802,
25.2252

■ 189.5640, 8.1029,
14.4144

■ 201.3040, 2.3151,
4.1184

Harmonies

Analogous

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



106.9390, 72.9941, -32.3955



92.7090, 55.8525, 99.3562



89.1140, 18.1848, 141.0970

Triad

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



92.7090, 55.8525, 99.3562



110.2840, -54.3700, 32.1999



109.5790, 41.6196, -96.1008

Complementary

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



92.7090, 55.8525, 99.3562



126.2910, -55.8525, -99.3562

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.



99.4160, 5.2179, -87.1878



92.7090, 55.8525, 99.3562



97.1960, -47.9176, -30.8669

Square

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



92.7090, 55.8525, 99.3562



103.8690, -51.2074, 91.3229



84.6420, -41.2355, -74.2310



114.7720, 69.1324, -100.6550

Rectangle

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



92.7090, 55.8525, 99.3562



83.6700, -5.2603, 147.6254



84.6420, -41.2355, -74.2310



106.5010, 29.8260, -93.4014

Sweetspot

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



92.7090, 55.8525, 99.3562



213.3230, 20.5468, 36.5507



35.0020, 84.3020, -19.2958



102.1720, 12.7332, 22.6512



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.



92.7090, 55.8525, 99.3562



105.3150, 73.7947, 131.2737



81.7650, 13.9199, 108.9541



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Inverse Universe

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



92.7090, 55.8525, 99.3562



105.3150, 73.7947, 131.2737



137.3490, -13.4831, -109.0541



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 92.7090, 55.8525, 99.3562 looks on a white background.

Color Contrast Check

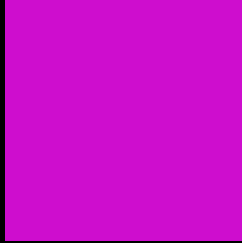
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.7090, 55.8525, 99.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

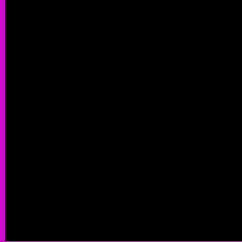
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 92.7090, 55.8525, 99.3562

Background



This preview shows how black text looks on a background with the YUV color 92.7090, 55.8525, 99.3562.



This preview shows how white text looks on a background with the YUV color 92.7090, 55.8525,

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

92.7090, 55.8525, 99.3562

Protanopia

94.5060, 72.7145, -82.8818

Deuteranopia

113.1980, 39.8354, -37.0076



Tritanopia

115.1720, -13.8888, 68.2552

Trichromacy



Original Color

92.7090, 55.8525, 99.3562



Protanomaly

93.7300, 66.6881, -16.4262



Deuteranomaly

105.4120, 45.6459, 12.7937



Tritanomaly

106.8940, 11.3913, 79.9000

Monochromacy



Original Color

92.7090, 55.8525, 99.3562



Achromatopsia

93.0000, 0.0000, 0.0000



Achromatomaly

92.9100, 20.2574, 36.0359

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.7090, 55.8525, 99.3562 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(206, 13, 206)` looks like.

```
.text, #text, p{  
    color:rgb(206, 13, 206)  
}
```

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(206, 13, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 13, 206) }
```

Border

The CSS property to change the border of an element to YUV 92.7090, 55.8525, 99.3562 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(206, 13, 206) }
```


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

```
.border{ border-color:rgb(206, 13, 206) }
```

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

Here you see how a box with a 4 pixel rgb(206, 13, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 13, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 13, 206);  
box-shadow:4px 4px 4px 4px rgb(206, 13,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 92.7090, 55.8525, 99.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 13, 206) }
```

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

```
.background{ background-color: rgb(206, 13,  
206) }
```

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