

Converting Colors

YUV(92.5710, 4.6485, 95.9692)

Have a look what the booklet for
YUV(92.5710, 4.6485, 95.9692)
contains.

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Color

**YUV(92.5710, 4.6485,
95.9692)**

Conversions

Conversions Part 1

Format	Color
Hex	CA2366
RGB	202, 35, 102
RGB Percent	79%, 14%, 40%
CMY	0.2078, 0.8627, 0.6000
CMYK	0.00, 0.83, 0.50, 0.21
HSL	336°, 70%, 46%
HSV	336°, 83%, 79%
XYZ	27.3564, 14.7179, 13.9694
YIQ	92.5710, 78.0250, 56.2410

Conversions

Conversions Part 2

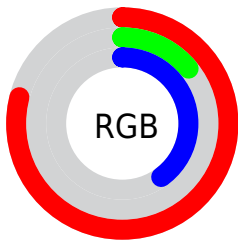
Format	Color
R_{YB}	202, 35, 102
Decimal	13247334
CIE _{Lab}	45.25, 66.14, 4.72
CIE _{LCh}	45, 66.304, 4.086
Yxy	14.7179, 0.4881, 0.2626
Android (android.graphics.Color)	4291437414 (0xFFCA2366)
YUV	92.5710, 4.6485, 95.9692
Hunter-Lab	38.3640, 60.1472, 5.2656

Details

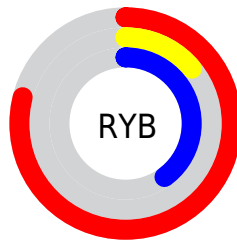
The YUV color **92.5710, 4.6485, 95.9692** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **144.4290, -4.6485, -95.9692**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3870, 0.3022, 89.9916**, and **48.8420, 3.5289, 81.6996** is the 20% darker color. If you saturate the color by 10%, you get **79.4630, 5.1947, 107.4649**, and if you desaturate by 10%, it is **105.6790, 4.1023, 84.4735**.

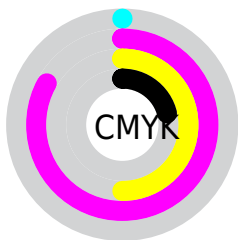
Distribution



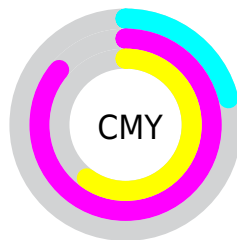
- Red (79%)
- Green (14%)
- Blue (40%)



- Red (79%)
- Yellow (14%)
- Blue (40%)



- Cyan (0%)
- Magenta (83%)
- Yellow (50%)
- Black (21%)



- Cyan (21%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.5710, 4.6485, 95.9692 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 92.5710, 4.6485, 95.9692 by changing the saturation by 10% instead.

■ 92.5710, 4.6485,
95.9692

■ 92.5710, 4.6485,
95.9692

255.0000, 0.0000,
0.0000

■ 60.3200, 8.7162,
97.9434

■ 152.3870, 0.3022,
89.9916

■ 48.8420, 3.5289,
81.6996

■ 172.3740, 3.2666,
72.4630

■ 37.4780, -1.2217,
65.3558

■ 192.5890, 7.1046,
54.7344

■ 26.1850, -6.9932,
49.8268

■ 212.8040, 10.9426,
37.0059

■ 16.3740, -7.0864,
32.9980

■ 232.1070, 11.2862,
20.0772

■ 2.0930, -1.0318,
4.3034

■ 249.7170, 2.6045,

■ 0.0000, 0.0000,

4.6332

0.0000

■ 92.5710, 4.6485,
95.9692

■ 92.5710, 4.6485,
95.9692

■ 79.4630, 5.1947,
107.4649

■ 105.6790, 4.1023,
84.4735

■ 69.6320, 5.6044,
116.0867

■ 118.7870, 3.5560,
72.9778

■ 132.4820, 2.7204,
60.9673

■ 145.5900, 2.1741,
49.4716

■ 158.6980, 1.6279,
37.9759

■ 171.9200, 1.5184,
26.3802

■ 185.0280, 0.9722,
14.8844

■ 198.7230, 0.1366,
2.8739

■ 211.8310, -0.4097,
-8.6218

Harmonies

Analogous

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



103.9920, 26.1329, 64.9050



92.5710, 4.6485, 95.9692



96.9480, -24.1314, 86.8686

Triad

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



92.5710, 4.6485, 95.9692



90.4620, -44.5978, -22.3302



96.9730, 54.2433, -85.0453

Complementary

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



92.5710, 4.6485, 95.9692



144.4290, -4.6485, -95.9692

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.



96.0490, 35.4718, -84.2350



92.5710, 4.6485, 95.9692



81.4060, -13.0182, -71.3931

Square

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



92.5710, 4.6485, 95.9692



99.5860, -49.0959, 20.5341



89.7790, 11.4480, -78.7362



90.7100, 63.2470, -79.5527

Rectangle

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



92.5710, 4.6485, 95.9692



98.8170, -45.7588, 70.3205



89.7790, 11.4480, -78.7362



97.5940, 49.0072, -85.5899

Sweetspot

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



92.5710, 4.6485, 95.9692



213.1000, 1.9227, 36.7463



83.0410, 58.6468, 42.9370



102.4850, 1.2399, 22.3767



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.



92.5710, 4.6485, 95.9692



89.8620, 6.9700, 144.8260



93.1510, -28.6684, 95.4606



95.4460, 0.2731, 5.7479



57.1580, 4.3591, 95.4544



13.0720, 0.9505, 21.8619

Inverse Universe

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



92.5710, 4.6485, 95.9692



89.8620, 6.9700, 144.8260



143.8490, 28.6684, -95.4606



95.4460, 0.2731, 5.7479



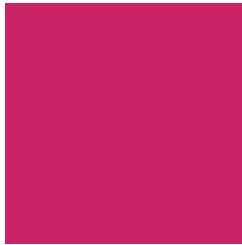
57.1580, 4.3591, 95.4544



13.0720, 0.9505, 21.8619

Previews

White Background



This preview shows how the YUV color 92.5710, 4.6485, 95.9692 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 92.5710, 4.6485, 95.9692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

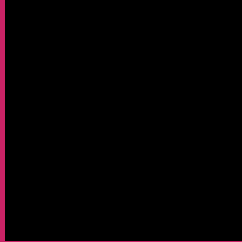
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.5710, 4.6485, 95.9692

Background



This preview shows how black text looks on a background with the YUV color 92.5710, 4.6485, 95.9692.



This preview shows how white text looks on a background with the YUV color 92.5710, 4.6485,

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

92.5710, 4.6485, 95.9692

Protanopia

108.4840, 16.0304, -8.3175

Deuteranopia

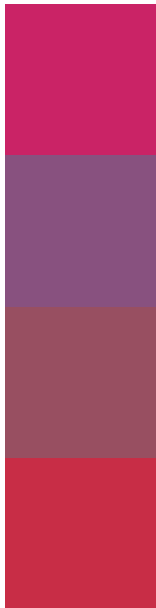
108.8400, -7.3161, 13.2953



Tritanopia

94.7790, -21.0900, 91.4018

Trichromacy



Original Color

92.5710, 4.6485, 95.9692

Protanomaly

102.6890, 11.9853, 29.2137

Deuteranomaly

102.8790, -2.8983, 43.0791

Tritanomaly

94.1950, -11.9281, 92.7910

Monochromacy



Original Color

92.5710, 4.6485, 95.9692

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9750, 1.4913, 35.1019

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.5710, 4.6485, 95.9692 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(202, 35, 102)` looks like.

```
.text, #text, p{  
    color:rgb(202, 35, 102)  
}
```

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(202, 35, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 35, 102) }
```

Border

The CSS property to change the border of an element to YUV 92.5710, 4.6485, 95.9692 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(202, 35, 102) }
```


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

```
.border{ border-color:rgb(202, 35, 102) }
```

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

Here you see how a box with a 4 pixel rgb(202, 35, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 35, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 35, 102);  
box-shadow:4px 4px 4px 4px rgb(202, 35,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 92.5710, 4.6485, 95.9692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 35, 102) }
```

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

```
.background{ background-color: rgb(202, 35,  
102) }
```

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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