

Converting Colors

YUV(109.2890, 15.6335,
72.5375)

Have a look what the booklet for
YUV(109.2890, 15.6335, 72.5375)
contains.

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Color

**YUV(109.2890, 15.6335,
72.5375)**

Conversions

Conversions Part 1

Format	Color
Hex	C03D8D
RGB	192, 61, 141
RGB Percent	75%, 24%, 55%
CMY	0.2471, 0.7608, 0.4471
CMYK	0.00, 0.68, 0.27, 0.25
HSL	323°, 52%, 50%
HSV	323°, 68%, 75%
XYZ	28.2147, 16.4670, 26.8907
YIQ	109.2890, 52.3960, 52.6520

Conversions

Conversions Part 2

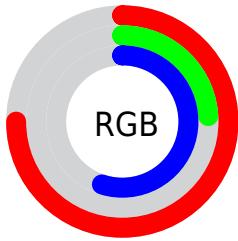
Format	Color
R_{YB}	192, 61, 141
Decimal	12598669
CIE _{Lab}	47.58, 59.48, -15.86
CIE _{LCh}	48, 61.561, 345.073
Yxy	16.4670, 0.3942, 0.2301
Android (android.graphics.Color)	4290788749 (0xFFC03D8D)
YUV	109.2890, 15.6335, 72.5375
Hunter-Lab	40.5796, 53.0954, -10.8837

Details

The YUV color **109.2890, 15.6335, 72.5375** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **143.7110, -15.6335, -72.5375**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8440, 13.8809, 74.6818**, and **50.4400, 19.9961, 73.2821** is the 20% darker color. If you saturate the color by 10%, you get **97.3380, 18.0744, 83.0186**, and if you desaturate by 10%, it is **121.2400, 13.1927, 62.0565**.

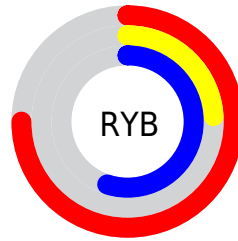
Distribution



Red (75%)

Green (24%)

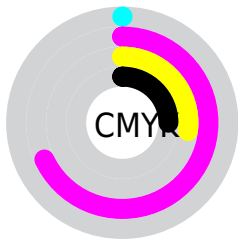
Blue (55%)



Red (75%)

Yellow (24%)

Blue (55%)

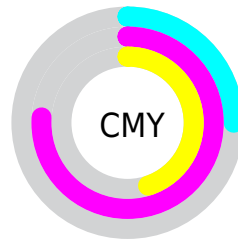


Cyan (0%)

Magenta (68%)

Yellow (27%)

Black (25%)



Cyan (25%)


Magenta (76%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.2890, 15.6335, 72.5375 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 109.2890, 15.6335, 72.5375 by changing the saturation by 10% instead.


 109.2890, 15.6335,
72.5375


 109.2890, 15.6335,
72.5375


255.0000, 0.0000,
0.0000


 78.2830, 18.1015,
74.2968


 166.8440, 13.8809,
74.6818


 50.4400, 19.9961,
73.2821


 187.3690, 17.5661,
59.3124


 39.3320, 13.6403,
58.4678


 206.9970, 21.6935,
42.0986

 28.7510, 8.0108,
44.0684

 224.4760, 15.0483,
26.7695

 18.8820, 2.5232,
30.7985

 241.4990, 6.6560,
11.8404

 4.4850, -2.2111,
9.2217

 0.0000, 0.0000,

0.0000

■ 109.2890, 15.6335,
72.5375

■ 109.2890, 15.6335,
72.5375

■ 97.3380, 18.0744,
83.0186

■ 121.2400, 13.1927,
62.0565

■ 85.2730, 20.0784,
93.5996

■ 133.3050, 11.1886,
51.4755

■ 72.7350, 22.8086,
104.5954

■ 145.8430, 8.4584,
40.4797

■ 70.7460, 22.8032,
106.3398

■ 157.9080, 6.4544,
29.8987

■ 169.8590, 4.0135,
19.4177

■ 181.9240, 2.0095,
8.8367

■ 193.8750, -0.4314,
-1.6444

■ 206.5270, -2.7248,
-12.7402

■ 218.4780, -5.1657,
-23.2212

Harmonies

Analogous

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



115.7530, 35.1248, 27.4036



109.2890, 15.6335, 72.5375



104.6010, -7.6913, 87.1729

Triad

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



109.2890, 15.6335, 72.5375



103.3410, -50.9471, 7.5939



99.8620, 42.4660, -87.5790

Complementary

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



109.2890, 15.6335, 72.5375



143.7110, -15.6335, -72.5375

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.



95.5640, 20.9209, -83.8096



109.2890, 15.6335, 72.5375



93.1960, -31.1556, -40.5139

Square

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



109.2890, 15.6335, 72.5375



106.2300, -52.3714, 44.5253



88.8210, -2.3768, -77.8960



98.3580, 57.0115, -86.2600

Rectangle

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



109.2890, 15.6335, 72.5375



105.7900, -24.5465, 79.9912



88.8210, -2.3768, -77.8960



98.7390, 35.6247, -86.5941

Sweetspot

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



109.2890, 15.6335, 72.5375



218.3700, 5.7336, 27.7395



90.8840, 49.8502, 17.6417



106.0220, 3.4402, 16.6437



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



109.2890, 15.6335, 72.5375



120.5450, 24.3813, 113.5320



101.8790, -12.7583, 79.0361



90.6740, 1.1467, 5.5479



59.3110, 19.0737, 89.1813



12.1470, 3.8715, 18.2881

Inverse Universe

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



109.2890, 15.6335, 72.5375



120.5450, 24.3813, 113.5320



151.1210, 12.7583, -79.0361



90.6740, 1.1467, 5.5479



59.3110, 19.0737, 89.1813



12.1470, 3.8715, 18.2881

Previews

White Background



This preview shows how the YUV color 109.2890, 15.6335, 72.5375 looks on a white background.

Color Contrast Check

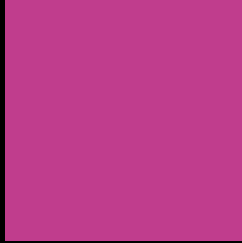
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.2890, 15.6335, 72.5375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

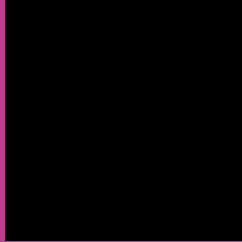
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.2890, 15.6335, 72.5375

Background



This preview shows how black text looks on a background with the YUV color 109.2890, 15.6335, 72.5375.



This preview shows how white text looks on a background with the YUV color 109.2890, 15.6335, 72.5375.

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

109.2890, 15.6335, 72.5375

Protanopia

112.0600, 32.5084, -20.2236

Deuteranopia

114.8180, 9.4567, 0.1596



Tritanopia

110.4600, -14.0308, 67.1256

Trichromacy



Original Color

109.2890, 15.6335, 72.5375

Protanomaly

111.0750, 26.5850, 13.0892

Deuteranomaly

112.9660, 11.8488, 26.3398

Tritanomaly

109.9300, -3.4165, 69.3444

Monochromacy



Original Color

109.2890, 15.6335, 72.5375

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.3590, 5.7390, 25.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2890, 15.6335, 72.5375 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(192, 61, 141)` looks like.

```
.text, #text, p{  
    color:rgb(192, 61, 141)  
}
```

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(192, 61, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 61, 141) }
```

Border

The CSS property to change the border of an element to YUV 109.2890, 15.6335, 72.5375 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(192, 61, 141) }
```


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

```
.border{ border-color:rgb(192, 61, 141) }
```

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

Here you see how a box with a 4 pixel rgb(192, 61, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 61, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 61, 141);  
box-shadow:4px 4px 4px 4px rgb(192, 61,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 109.2890, 15.6335, 72.5375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 61, 141) }
```

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

```
.background{ background-color: rgb(192, 61,  
141) }
```

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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