

Converting Colors

YUV(90.2700, -5.5561,
102.3722)

Have a look what the booklet for
YUV(90.2700, -5.5561, 102.3722)
contains.

YUV(90.2700, -5.5561, 102.3722)	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(90.2700, -5.5561,
102.3722)**

Conversions

Conversions Part 1

Format	Color
Hex	CF214F
RGB	207, 33, 79
RGB Percent	81%, 13%, 31%
CMY	0.1882, 0.8706, 0.6902
CMYK	0.00, 0.84, 0.62, 0.19
HSL	344°, 72%, 47%
HSV	344°, 84%, 81%
XYZ	27.6873, 14.9176, 8.8172
YIQ	90.2700, 88.9380, 51.1940

Conversions

Conversions Part 2

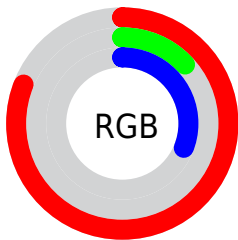
Format	Color
R_{YB}	207, 33, 79
Decimal	13574479
CIE _{Lab}	45.52, 66.27, 19.54
CIE _{LCh}	46, 69.094, 16.431
Yxy	14.9176, 0.5384, 0.2901
Android (android.graphics.Color)	4291764559 (0xFFCF214F)
YUV	90.2700, -5.5561, 102.3722
Hunter-Lab	38.6233, 60.3675, 13.5011

Details

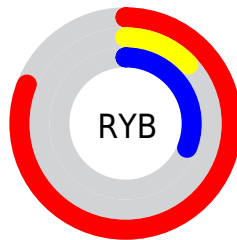
The YUV color **90.2700, -5.5561, 102.3722** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **149.7300, 5.5561, -102.3722**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9500, -10.3284, 93.0058**, and **47.3450, -6.0861, 85.6434** is the 20% darker color. If you saturate the color by 10%, you get **76.2330, -6.0309, 114.6827**, and if you desaturate by 10%, it is **104.3070, -5.0814, 90.0618**.

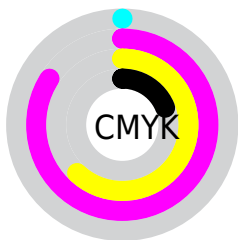
Distribution



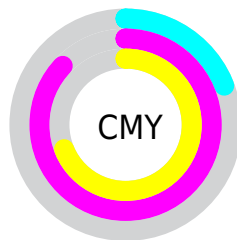
- Red (81%)
- Green (13%)
- Blue (31%)



- Red (81%)
- Yellow (13%)
- Blue (31%)



- Cyan (0%)
- Magenta (84%)
- Yellow (62%)
- Black (19%)





- Cyan (19%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.2700, -5.5561, 102.3722 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 90.2700, -5.5561, 102.3722 by changing the saturation by 10% instead.


 90.2700, -5.5561,
102.3722

 90.2700, -5.5561,
102.3722


255.0000, 0.0000,
0.0000


 59.0080, -1.4829,
102.6020


 148.9500,
-10.3284, 93.0058


 47.3450, -6.0861,
85.6434


 168.9370, -7.3639,
75.4773

 36.0950, -10.3998,
69.1997


 188.9240, -4.3995,
57.9487

 25.3440, -11.5086,
51.4413

 209.1390, -0.5615,
40.2201

 16.6730, -7.2338,
33.6128

 229.3540, 3.2765,
22.4915

 2.9900, -1.4741,
6.1478

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 90.2700, -5.5561,
102.3722

■ 90.2700, -5.5561,
102.3722

■ 76.2330, -6.0309,
114.6827

■ 104.3070, -5.0814,
90.0618

■ 68.1630, -6.4894,
121.7600

■ 117.7570, -4.3172,
78.2661

■ 131.9080, -3.4056,
65.8557

■ 145.9450, -2.9309,
53.5452

■ 159.3950, -2.1667,
41.7496

■ 173.4320, -1.6920,
29.4391

■ 187.5830, -0.7804,
17.0287

■ 201.6200, -0.3057,
4.7183

■ 215.0700, 0.4585,
-7.0774

Harmonies

Analogous

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



96.4140, 19.5159, 87.3369



90.2700, -5.5561, 102.3722



98.6470, -37.7870, 80.1166

Triad

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



90.2700, -5.5561, 102.3722



77.2660, -34.1481, -60.7463



96.8080, 61.2267, -84.9006

Complementary

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



90.2700, -5.5561, 102.3722



149.7300, 5.5561, -102.3722

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.



98.6710, 45.5182, -86.5345



90.2700, -5.5561, 102.3722



85.9030, -3.4032, -75.3369

Square

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



90.2700, -5.5561, 102.3722



98.0030, -48.3155, 3.5054



93.9170, 22.2259, -82.3652



86.1280, 65.9989, -75.5343

Rectangle

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



90.2700, -5.5561, 102.3722



101.0020, -49.7940, 57.8802



93.9170, 22.2259, -82.3652



98.3580, 57.0115, -86.2600

Sweetspot

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



90.2700, -5.5561, 102.3722



212.0740, -2.0085, 37.6461



91.1080, 57.1348, 61.2953



101.8010, -1.3809, 22.9765



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.



90.2700, -5.5561, 102.3722



83.8830, -8.3233, 150.0696



109.0930, -37.5138, 85.8644



97.6310, -0.3111, 6.4626



55.2480, -5.5453, 98.8835



13.5130, -1.2389, 24.1061

Inverse Universe

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



90.2700, -5.5561, 102.3722



83.8830, -8.3233, 150.0696



130.9070, 37.5138, -85.8644



97.6310, -0.3111, 6.4626



55.2480, -5.5453, 98.8835



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 90.2700, -5.5561, 102.3722 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 90.2700, -5.5561, 102.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

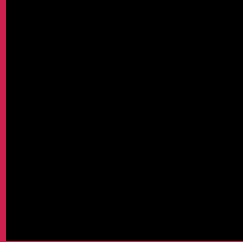
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.2700, -5.5561, 102.3722

Background



This preview shows how black text looks on a background with the YUV color 90.2700, -5.5561, 102.3722.



This preview shows how white text looks on a background with the YUV color 90.2700, -5.5561,

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

90.2700, -5.5561, 102.3722

Protanopia

108.9400, 1.0156, 0.9296

Deuteranopia

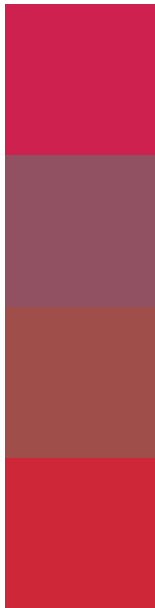
108.1970, -18.8311, 19.9982



Tritanopia

91.7370, -24.0273, 100.2087

Trichromacy



Original Color

90.2700, -5.5561, 102.3722

Protanomaly

102.1880, -1.5717, 37.5461

Deuteranomaly

101.6490, -14.1240, 50.2968

Tritanomaly

90.8710, -17.1914, 100.9681

Monochromacy



Original Color

90.2700, -5.5561, 102.3722

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0740, -2.0085, 37.6461

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2700, -5.5561, 102.3722 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(207, 33, 79)` looks like.

```
.text, #text, p{  
    color:rgb(207, 33, 79)  
}
```

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(207, 33, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 33, 79) }
```

Border

The CSS property to change the border of an element to YUV 90.2700, -5.5561, 102.3722 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(207, 33, 79) }
```


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

```
.border{ border-color:rgb(207, 33, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 33, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 33, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 33, 79);  
box-shadow:4px 4px 4px 4px rgb(207, 33,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 90.2700, -5.5561, 102.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 33, 79) }
```

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

```
.background{ background-color: rgb(207, 33,  
79) }
```

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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