

Converting Colors

YUV(90.1080, 27.0618, 93.7443)

Have a look what the booklet for
YUV(90.1080, 27.0618, 93.7443)
contains.

YUV(90.1080, 27.0618, 93.7443)	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(90.1080, 27.0618,
93.7443)**

Conversions

Conversions Part 1

Format	Color
Hex	C51991
RGB	197, 25, 145
RGB Percent	77%, 10%, 57%
CMY	0.2275, 0.9020, 0.4314
CMYK	0.00, 0.87, 0.26, 0.23
HSL	318°, 77%, 44%
HSV	318°, 87%, 77%
XYZ	28.4844, 14.6099, 28.1068
YIQ	90.1080, 63.9920, 73.7840

Conversions

Conversions Part 2

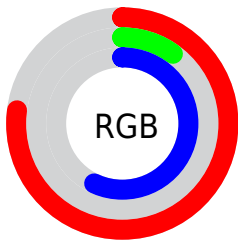
Format	Color
R_{YB}	197, 25, 145
Decimal	12917137
CIE _{Lab}	45.10, 71.26, -22.01
CIE _{LCh}	45, 74.580, 342.837
Yxy	14.6099, 0.4001, 0.2052
Android (android.graphics.Color)	4291107217 (0xFFC51991)
YUV	90.1080, 27.0618, 93.7443
Hunter-Lab	38.2229, 66.1314, -16.8421

Details

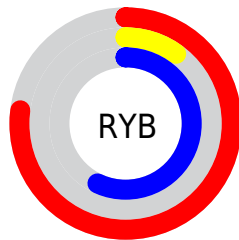
The YUV color **90.1080, 27.0618, 93.7443** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **131.8920, -27.0618, -93.7443**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2830, 21.5525, 87.4518**, and **51.9780, 20.7168, 75.4413** is the 20% darker color. If you saturate the color by 10%, you get **77.6840, 30.2288, 104.6401**, and if you desaturate by 10%, it is **102.5320, 23.8947, 82.8484**.

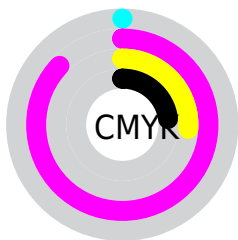
Distribution



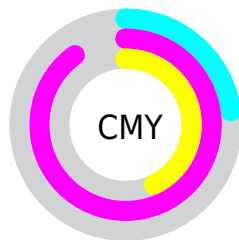
- Red (77%)
- Green (10%)
- Blue (57%)



- Red (77%)
- Yellow (10%)
- Blue (57%)



- Cyan (0%)
- Magenta (87%)
- Yellow (26%)
- Black (23%)





- Cyan (23%)
- Magenta (90%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.1080, 27.0618, 93.7443 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 90.1080, 27.0618, 93.7443 by changing the saturation by 10% instead.


 90.1080, 27.0618,
93.7443


 90.1080, 27.0618,
93.7443


255.0000, 0.0000,
0.0000


 63.4990, 27.3620,
90.7704


 155.2830, 21.5525,
87.4518


 51.9780, 20.7168,
75.4413

 175.4980, 25.3905,
69.7233


 40.5710, 14.5085,
60.0122


 195.7130, 29.2285,
51.9947

 29.6910, 9.0263,
44.9980

 212.7360, 20.8362,
37.0655

 19.2240, 3.8336,
30.4986

 230.3460, 12.1544,
21.6216

 5.0830, -2.5059,
10.4512

 247.9560, 3.4727,

 0.0000, 0.0000,

6.1776

0.0000

■ 90.1080, 27.0618,
93.7443

■ 90.1080, 27.0618,
93.7443

■ 77.6840, 30.2288,
104.6401

■ 102.5320, 23.8947,
82.8484

■ 74.5210, 30.8021,
107.4141

■ 114.3690, 21.0171,
72.4674

■ 126.7930, 17.8501,
61.5715

■ 139.2170, 14.6830,
50.6757

■ 151.0540, 11.8054,
40.2946

■ 163.4780, 8.6383,
29.3988

■ 175.9020, 5.4713,
18.5029

■ 188.3260, 2.3043,
7.6071

■ 200.1630, -0.5734,
-2.7740

Harmonies

Analogous

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



107.9840, 44.8709, 28.0780



90.1080, 27.0618, 93.7443



73.1490, 4.8565, 122.6493

Triad

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



90.1080, 27.0618, 93.7443



97.4380, -48.0369, 7.5089



98.6710, 45.5182, -86.5345

Complementary

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



90.1080, 27.0618, 93.7443



131.8920, -27.0618, -93.7443

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.



93.2330, 19.6051, -81.7653



90.1080, 27.0618, 93.7443



76.6640, -37.7954, -57.5873

Square

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



90.1080, 27.0618, 93.7443



100.3710, -49.4829, 51.4176



84.5350, -8.6448, -74.1372



98.6660, 63.2687, -86.5301

Rectangle

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



90.1080, 27.0618, 93.7443



89.0900, -22.7224, 101.6531



84.5350, -8.6448, -74.1372



97.2060, 37.3664, -85.2497

Sweetspot

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



90.1080, 27.0618, 93.7443



213.9780, 10.3638, 35.9763



60.1560, 67.4641, 14.7722



103.1520, 6.3341, 21.7917



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.



90.1080, 27.0618, 93.7443



96.5370, 40.1613, 138.9721



80.3040, -10.5029, 102.3424



93.3750, 1.2941, 4.9331



61.7330, 25.7676, 88.8112



13.6140, 5.6133, 19.6325

Inverse Universe

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



90.1080, 27.0618, 93.7443



96.5370, 40.1613, 138.9721



141.6960, 10.5029, -102.3424



93.3750, 1.2941, 4.9331



61.7330, 25.7676, 88.8112



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 90.1080, 27.0618, 93.7443 looks on a white background.

Color Contrast Check

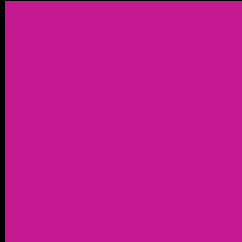
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.1080, 27.0618, 93.7443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

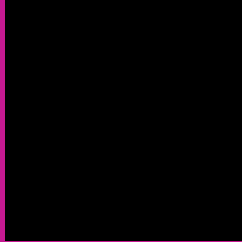
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.1080, 27.0618, 93.7443

Background



This preview shows how black text looks on a background with the YUV color 90.1080, 27.0618, 93.7443.



This preview shows how white text looks on a background with the YUV color 90.1080, 27.0618,

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

90.1080, 27.0618, 93.7443

Protanopia

101.4070, 49.5923, -39.8219

Deuteranopia

108.8220, 13.3988, -4.2289



Tritanopia

100.2120, -17.8525, 79.6211

Trichromacy



Original Color

90.1080, 27.0618, 93.7443



Protanomaly

97.2390, 41.2942, 8.5604



Deuteranomaly

102.3070, 18.0896, 31.3028



Tritanomaly

96.4850, -1.7181, 84.6437

Monochromacy



Original Color

90.1080, 27.0618, 93.7443



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

89.8530, 9.9325, 34.3319

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1080, 27.0618, 93.7443 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(197, 25, 145)` looks like.

```
.text, #text, p{  
    color:rgb(197, 25, 145)  
}
```

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(197, 25, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 25, 145) }
```

Border

The CSS property to change the border of an element to YUV 90.1080, 27.0618, 93.7443 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(197, 25, 145) }
```


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

```
.border{ border-color:rgb(197, 25, 145) }
```

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

Here you see how a box with a 4 pixel rgb(197, 25, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 25, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 25, 145);  
box-shadow:4px 4px 4px 4px rgb(197, 25,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 90.1080, 27.0618, 93.7443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 25, 145) }
```

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

```
.background{ background-color: rgb(197, 25,  
145) }
```

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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