

Converting Colors

YUV(90.5650, 20.4275, 74.9265)

Have a look what the booklet for
YUV(90.5650, 20.4275, 74.9265)
contains.

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Color

**YUV(90.5650, 20.4275,
74.9265)**

Conversions

Conversions Part 1

Format	Color
Hex	B02784
RGB	176, 39, 132
RGB Percent	69%, 15%, 52%
CMY	0.3098, 0.8471, 0.4824
CMYK	0.00, 0.78, 0.25, 0.31
HSL	319°, 64%, 42%
HSV	319°, 78%, 69%
XYZ	22.7949, 12.3471, 23.0116
YIQ	90.5650, 51.7990, 57.9670

Conversions

Conversions Part 2

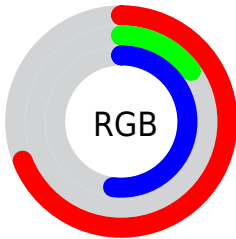
Format	Color
R_{YB}	176, 39, 132
Decimal	11544452
CIE _{Lab}	41.76, 61.67, -19.54
CIE _{LCh}	42, 64.694, 342.419
Yxy	12.3471, 0.3920, 0.2123
Android (android.graphics.Color)	4289734532 (0xFFB02784)
YUV	90.5650, 20.4275, 74.9265
Hunter-Lab	35.1384, 54.3036, -14.2312

Details

The YUV color **90.5650, 20.4275, 74.9265** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **124.4350, -20.4275, -74.9265**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4680, 17.5173, 75.0116**, and **44.9290, 18.2760, 64.9603** is the 20% darker color. If you saturate the color by 10%, you get **79.3150, 23.0157, 84.7927**, and if you desaturate by 10%, it is **101.8150, 17.8392, 65.0602**.

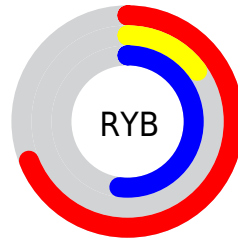
Distribution



Red (69%)

Green (15%)

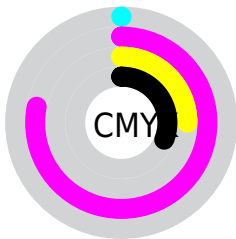
Blue (52%)



Red (69%)

Yellow (15%)

Blue (52%)

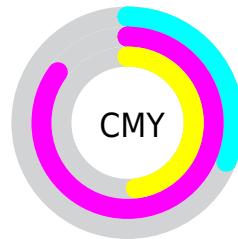


Cyan (0%)

Magenta (78%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (85%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5650, 20.4275, 74.9265 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 90.5650, 20.4275, 74.9265 by changing the saturation by 10% instead.

90.5650, 20.4275,
74.9265

90.5650, 20.4275,
74.9265

255.0000, 0.0000,
0.0000

56.1510, 25.0686,
79.6746

149.4680, 17.5173,
75.0116

44.9290, 18.2760,
64.9603

175.0760, 18.6965,
70.0933

33.9350, 12.3570,
50.0460

194.7040, 22.8239,
52.8796

23.6530, 6.5801,
36.2613

213.3230, 20.5468,
36.5507

12.6590, 0.6611,
21.3471

230.3460, 12.1544,
21.6216

0.0000, 0.0000,
0.0000

247.9560, 3.4727,

■ 90.5650, 20.4275,
74.9265

■ 90.5650, 20.4275,
74.9265

■ 79.3150, 23.0157,
84.7927

■ 101.8150, 17.8392,
65.0602

■ 68.7660, 25.7514,
94.0442

■ 112.3640, 15.1035,
55.8088

■ 66.1900, 26.0353,
96.3034

■ 123.6140, 12.5153,
45.9425

■ 134.2770, 10.2164,
36.5911

■ 145.4130, 7.1914,
26.8248

■ 156.6630, 4.6031,
16.9585

■ 167.3260, 2.3043,
7.6071

■ 178.4620, -0.7208,
-2.1592

■ 189.1250, -3.0196,
-11.5106

Harmonies

Analogous

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



100.5290, 38.1932, 23.2151



90.5650, 20.4275, 74.9265



81.6650, -1.3138, 95.0098

Triad

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



90.5650, 20.4275, 74.9265



90.3610, -44.5480, 8.4534



89.8200, 39.5287, -78.7721

Complementary

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



90.5650, 20.4275, 74.9265



124.4350, -20.4275, -74.9265

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.



84.7070, 17.3994, -74.2880



90.5650, 20.4275, 74.9265



76.4860, -37.7076, -39.0142

Square

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



90.5650, 20.4275, 74.9265



92.6630, -45.6829, 45.8995



77.1490, -6.4825, -67.6597



89.2450, 55.0952, -78.2679

Rectangle

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



90.5650, 20.4275, 74.9265



87.1480, -20.7790, 84.9392



77.1490, -6.4825, -67.6597



88.6970, 32.6874, -77.7873

Sweetspot

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



90.5650, 20.4275, 74.9265



196.9510, 7.9122, 28.9840



67.4750, 53.5028, 12.7384



94.9620, 4.4557, 17.5733



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



90.5650, 20.4275, 74.9265



96.5160, 31.7906, 117.0655



82.8130, -9.2748, 81.7250



83.3750, 1.2941, 4.9331



57.6030, 22.8737, 83.6632



9.7120, 3.5930, 14.2846

Inverse Universe

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



90.5650, 20.4275, 74.9265



96.5160, 31.7906, 117.0655



132.1870, 9.2748, -81.7250



83.3750, 1.2941, 4.9331



57.6030, 22.8737, 83.6632



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 90.5650, 20.4275, 74.9265 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 90.5650, 20.4275, 74.9265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

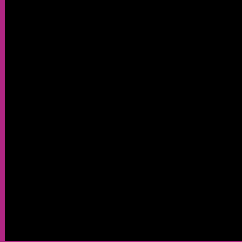
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.5650, 20.4275, 74.9265

Background



This preview shows how black text looks on a background with the YUV color 90.5650, 20.4275, 74.9265.



This preview shows how white text looks on a background with the YUV color 90.5650, 20.4275,

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

90.5650, 20.4275, 74.9265

Protanopia

95.8400, 39.5189, -28.8007

Deuteranopia

100.3660, 11.6516, -3.8290



Tritanopia

94.9330, -14.7570, 66.7108

Trichromacy



Original Color

90.5650, 20.4275, 74.9265

Protanomaly

93.9480, 32.5636, 8.8156

Deuteranomaly

97.0520, 14.7644, 24.5104

Tritanomaly

93.5710, -2.2535, 69.6592

Monochromacy



Original Color

90.5650, 20.4275, 74.9265

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8260, 7.4808, 27.3396

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5650, 20.4275, 74.9265 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(176, 39, 132)` looks like.

```
.text, #text, p{  
    color:rgb(176, 39, 132)  
}
```

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(176, 39, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 39, 132) }
```

Border

The CSS property to change the border of an element to YUV 90.5650, 20.4275, 74.9265 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(176, 39, 132) }
```


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

```
.border{ border-color:rgb(176, 39, 132) }
```

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

Here you see how a box with a 4 pixel rgb(176, 39, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 39, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 39, 132);  
box-shadow:4px 4px 4px 4px rgb(176, 39,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 90.5650, 20.4275, 74.9265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 39, 132) }
```

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

```
.background{ background-color: rgb(176, 39,  
132) }
```

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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