

Converting Colors

YUV(90.8250, 42.9773, 75.5755)

Have a look what the booklet for
YUV(90.8250, 42.9773, 75.5755)
contains.

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Color

**YUV(90.8250, 42.9773,
75.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	B11EB2
RGB	177, 30, 178
RGB Percent	69%, 12%, 70%
CMY	0.3059, 0.8824, 0.3020
CMYK	0.01, 0.83, 0.00, 0.30
HSL	300°, 71%, 41%
HSV	300°, 83%, 70%
XYZ	26.6316, 13.4900, 43.3197
YIQ	90.8250, 40.1040, 77.1920

Conversions

Conversions Part 2

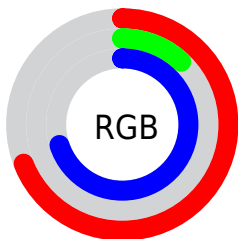
Format	Color
R_{YB}	177, 30, 178
Decimal	11607730
CIE _{Lab}	43.49, 70.75, -44.52
CIE _{LCh}	43, 83.593, 327.817
Yxy	13.4900, 0.3192, 0.1617
Android (android.graphics.Color)	4289797810 (0xFFB11EB2)
YUV	90.8250, 42.9773, 75.5755
Hunter-Lab	36.7287, 65.1531, -44.2194

Details

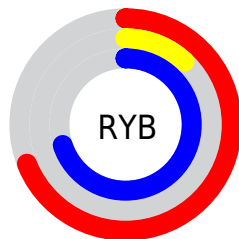
The YUV color **90.8250, 42.9773, 75.5755** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **117.1750, -42.9773, -75.5755**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5920, 39.6411, 72.2718**, and **50.1300, 36.9109, 61.2760** is the 20% darker color. If you saturate the color by 10%, you get **80.2590, 48.1863, 84.8419**, and if you desaturate by 10%, it is **101.3910, 37.7682, 66.3091**.

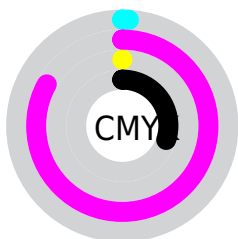
Distribution



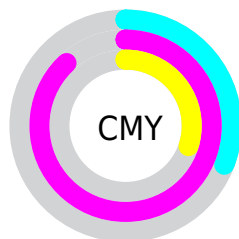
- Red (69%)
- Green (12%)
- Blue (70%)



- Red (69%)
- Yellow (12%)
- Blue (70%)



- Cyan (1%)
- Magenta (83%)
- Yellow (0%)
- Black (30%)





- Cyan (31%)
- Magenta (88%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8250, 42.9773, 75.5755 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 90.8250, 42.9773, 75.5755 by changing the saturation by 10% instead.


 90.8250, 42.9773,
75.5755


 90.8250, 42.9773,
75.5755


255.0000, 0.0000,
0.0000


 61.4660, 44.1403,
75.8903


 153.5920, 39.6411,
72.2718


 50.1300, 36.9109,
61.2760


 178.6900, 37.6208,
66.9239


 38.7940, 29.6816,
46.6617


 195.7130, 29.2285,
51.9947

 27.8710, 22.7416,
32.5621

 212.7360, 20.8362,
37.0655

 17.1760, 16.6752,
18.2626

 229.7590, 12.4438,
22.1364

 4.4800, 12.0884,
-3.9290

 247.3690, 3.7621,

 0.0000, 0.0000,

6.6924

0.0000

■ 90.8250, 42.9773,
75.5755

■ 90.8250, 42.9773,
75.5755

■ 80.2590, 48.1863,
84.8419

■ 101.3910, 37.7682,
66.3091

■ 73.2150, 51.6590,
91.0194

■ 111.9570, 32.5592,
57.0427

■ 121.9360, 27.6396,
48.2911

■ 132.5020, 22.4305,
39.0247

■ 143.3670, 17.0741,
30.3731

■ 153.9330, 11.8650,
21.1068

■ 164.4990, 6.6560,
11.8404

■ 174.4780, 1.7363,
3.0888

■ 185.0440, -3.4727,
-6.1776

Harmonies

Analogous

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



96.2080, 64.9735, -26.4924



90.8250, 42.9773, 75.5755



76.9390, 16.7921, 121.0795

Triad

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



90.8250, 42.9773, 75.5755



96.9830, -47.8126, 28.9559



95.2340, 34.8876, -83.5202

Complementary

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



90.8250, 42.9773, 75.5755



117.1750, -42.9773, -75.5755

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.



86.6670, 4.6012, -76.0070



90.8250, 42.9773, 75.5755



86.6190, -42.7032, -23.3449

Square

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



90.8250, 42.9773, 75.5755



92.2740, -45.4911, 77.8127



75.2160, -31.6585, -65.9644



99.7430, 59.7797, -87.4746

Rectangle

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



90.8250, 42.9773, 75.5755



72.4070, -3.1587, 126.8081



75.2160, -31.6585, -65.9644



92.7260, 25.2781, -81.3207

Sweetspot

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



90.8250, 42.9773, 75.5755



197.9540, 16.7847, 29.8583



48.0460, 64.0673, -15.8263



96.4550, 10.1287, 18.0180



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



90.8250, 42.9773, 75.5755



95.2180, 67.4335, 118.2038



82.9160, 11.3804, 83.3887



83.7170, 2.6045, 4.6332



62.8900, 44.4242, 78.1495



10.4390, 7.6716, 12.7700

Inverse Universe

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



74.3660, -21.3794, 90.8870



69.5960, -33.3248, 142.4283



125.0840, -11.3804, -83.3887



82.6910, -1.3267, 5.5330



45.8610, -22.1165, 93.9609



7.7740, -3.8326, 15.9842

Previews

White Background



This preview shows how the YUV color 90.8250, 42.9773, 75.5755 looks on a white background.

Color Contrast Check

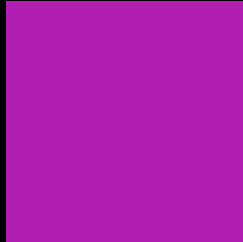
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.8250, 42.9773, 75.5755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

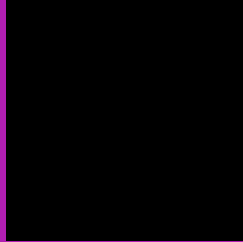
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.8250, 42.9773, 75.5755

Background



This preview shows how black text looks on a background with the YUV color 90.8250, 42.9773, 75.5755.



This preview shows how white text looks on a background with the YUV color 90.8250, 42.9773,

75.5755.

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

90.8250, 42.9773, 75.5755

Protanopia

82.8680, 63.6621, -72.6752

Deuteranopia

99.6350, 33.7039, -30.3749



Tritanopia

102.0780, -11.3775, 56.0596

Trichromacy



Original Color

90.8250, 42.9773, 75.5755



Protanomaly

85.9610, 56.2212, -19.2598



Deuteranomaly

96.5010, 37.2210, 8.3306



Tritanomaly

97.9860, 8.3879, 63.1563

Monochromacy



Original Color

90.8250, 42.9773, 75.5755



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

91.0030, 15.7745, 27.1844

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8250, 42.9773, 75.5755 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(177, 30, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 30, 178)  
}
```

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(177, 30, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 30, 178) }
```

Border

The CSS property to change the border of an element to YUV 90.8250, 42.9773, 75.5755 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(177, 30, 178) }
```


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

```
.border{ border-color:rgb(177, 30, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 30, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 30, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 30, 178);  
box-shadow:4px 4px 4px 4px rgb(177, 30,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 90.8250, 42.9773, 75.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 30, 178) }
```

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

```
.background{ background-color: rgb(177, 30,  
178) }
```

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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