

Converting Colors

YUV(111.2860, 20.0720,
48.8612)

Have a look what the booklet for
YUV(111.2860, 20.0720, 48.8612)
contains.

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Color

**YUV(111.2860, 20.0720,
48.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	A74B98
RGB	167, 75, 152
RGB Percent	65%, 29%, 60%
CMY	0.3451, 0.7059, 0.4039
CMYK	0.00, 0.55, 0.09, 0.35
HSL	310°, 38%, 47%
HSV	310°, 55%, 65%
XYZ	24.1199, 15.5146, 31.4291
YIQ	111.2860, 30.1150, 43.4510

Conversions

Conversions Part 2

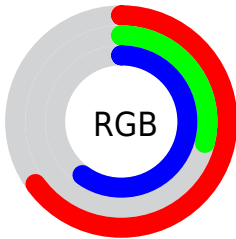
Format	Color
RYB	167, 75, 152
Decimal	10963864
CIELab	46.33, 47.89, -24.71
CIELCh	46, 53.885, 332.707
Yxy	15.5146, 0.3394, 0.2183
Android (android.graphics.Color)	4289153944 (0xFFA74B98)
YUV	111.2860, 20.0720, 48.8612
Hunter-Lab	39.3886, 40.3757, -19.7369

Details

The YUV color **111.2860, 20.0720, 48.8612** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **130.7140, -20.0720, -48.8612**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7100, 20.3560, 51.1203**, and **56.1550, 22.1086, 48.9761** is the 20% darker color. If you saturate the color by 10%, you get **100.9650, 23.6813, 57.9127**, and if you desaturate by 10%, it is **121.6070, 16.4627, 39.8097**.

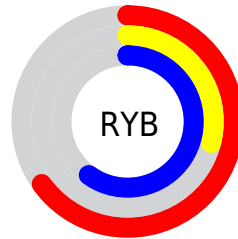
Distribution



Red (65%)

Green (29%)

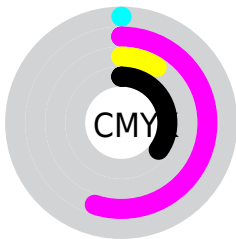
Blue (60%)



Red (65%)

Yellow (29%)

Blue (60%)

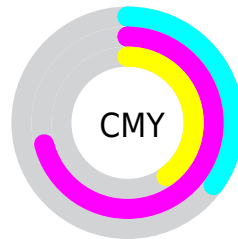


Cyan (0%)

Magenta (55%)

Yellow (9%)

Black (35%)



Cyan (35%)

Magenta (71%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.2860, 20.0720, 48.8612 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 111.2860, 20.0720, 48.8612 by changing the saturation by 10% instead.

111.2860, 20.0720,
48.8612

111.2860, 20.0720,
48.8612

255.0000, 0.0000,
0.0000

84.6880, 20.3668,
47.6316

165.7100, 20.3560,
51.1203

56.1550, 22.1086,
48.9761

193.7210, 20.3505,
52.8647

34.4920, 20.9564,
45.1725

212.7360, 20.8362,
37.0655

23.9820, 14.3059,
31.5878

229.1720, 12.7332,
22.6512

14.7110, 8.5235,
19.5475

246.1950, 4.3409,
7.7220

0.3420, 1.3104,
-0.2999

0.0000, 0.0000,

0.0000

■ 111.2860, 20.0720,
48.8612

■ 111.2860, 20.0720,
48.8612

■ 100.9650, 23.6813,
57.9127

■ 121.6070, 16.4627,
39.8097

■ 91.3450, 27.4379,
66.3494

■ 131.2270, 12.7061,
31.3729

■ 81.0240, 31.0472,
75.4010

■ 141.5480, 9.0968,
22.3214

■ 70.7030, 34.6564,
84.4525

■ 151.8690, 5.4876,
13.2699

■ 65.8930, 36.5348,
88.6708

■ 161.6030, 2.1677,
4.7332

■ 171.8100, -1.8783,
-4.2184

■ 182.1310, -5.4876,
-13.2699

■ 192.4520, -9.0968,
-22.3214

■ 202.1860,
-12.4167, -30.8581

Harmonies

Analogous

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



111.9410, 36.5111, 2.6827



111.2860, 20.0720, 48.8612



105.8040, 1.0826, 72.9629

Triad

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



111.2860, 20.0720, 48.8612



102.2550, -50.4117, 22.5784



94.3220, 31.3933, -82.7204

Complementary

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



111.2860, 20.0720, 48.8612



130.7140, -20.0720, -48.8612

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.



89.7790, 11.4480, -78.7362



111.2860, 20.0720, 48.8612



98.1670, -37.0573, -14.1785

Square

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



111.2860, 20.0720, 48.8612



105.8900, -39.8788, 50.9625



82.6600, -8.2134, -72.4928



95.0350, 46.8177, -83.3457

Rectangle

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



111.2860, 20.0720, 48.8612



105.0310, -13.3263, 74.5178



82.6600, -8.2134, -72.4928



93.1990, 24.5519, -81.7355

Sweetspot

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



111.2860, 20.0720, 48.8612



194.5970, 8.0867, 19.6474



89.6740, 38.1217, -0.5911



96.6300, 4.6194, 11.7255



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



111.2860, 20.0720, 48.8612



130.3230, 30.8998, 76.0157



106.1560, 0.4161, 53.3602



79.1900, 1.8783, 4.2184



58.3880, 32.3467, 78.5897



7.9180, 4.4774, 10.5959

Inverse Universe

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



111.2860, 20.0720, 48.8612



130.3230, 30.8998, 76.0157



135.8440, -0.4161, -53.3602



79.1900, 1.8783, 4.2184



58.3880, 32.3467, 78.5897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 111.2860, 20.0720, 48.8612 looks on a white background.

Color Contrast Check

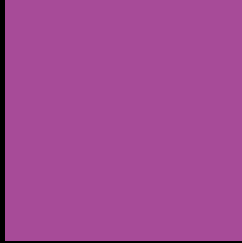
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.2860, 20.0720, 48.8612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

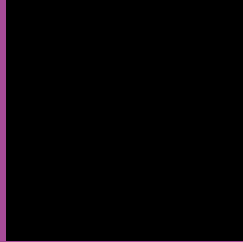
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.2860, 20.0720, 48.8612

Background



This preview shows how black text looks on a background with the YUV color 111.2860, 20.0720, 48.8612.



This preview shows how white text looks on a background with the YUV color 111.2860, 20.0720,

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

111.2860, 20.0720, 48.8612

Protanopia

108.3200, 34.8452, -23.0826

Deuteranopia

110.8260, 17.3408, -8.6174



Tritanopia

111.2120, -7.9925, 43.6641

Trichromacy



Original Color

111.2860, 20.0720, 48.8612

Protanomaly

109.4050, 29.3803, 3.1528

Deuteranomaly

111.1860, 18.1493, 12.1149

Tritanomaly

111.2690, 2.3324, 45.3681

Monochromacy



Original Color

111.2860, 20.0720, 48.8612

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0590, 7.3659, 17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2860, 20.0720, 48.8612 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(167, 75, 152)` looks like.

```
.text, #text, p{  
    color:rgb(167, 75, 152)  
}
```

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(167, 75, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 75, 152) }
```

Border

The CSS property to change the border of an element to YUV 111.2860, 20.0720, 48.8612 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(167, 75, 152) }
```


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

```
.border{ border-color:rgb(167, 75, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 75, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 75, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 75, 152);  
box-shadow:4px 4px 4px 4px rgb(167, 75,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 111.2860, 20.0720, 48.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 75, 152) }
```

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

```
.background{ background-color: rgb(167, 75,  
152) }
```

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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