

Converting Colors

YUV(104.3130, 62.9497,
62.8695)

Have a look what the booklet for
YUV(104.3130, 62.9497, 62.8695)
contains.

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Color

**YUV(104.3130, 62.9497,
62.8695)**

Conversions

Conversions Part 1

Format	Color
Hex	B02BE8
RGB	176, 43, 232
RGB Percent	69%, 17%, 91%
CMY	0.3098, 0.8314, 0.0902
CMYK	0.24, 0.81, 0.00, 0.09
HSL	282°, 80%, 54%
HSV	282°, 81%, 91%
XYZ	33.3339, 16.7841, 77.8267
YIQ	104.3130, 18.5990, 86.9750

Conversions

Conversions Part 2

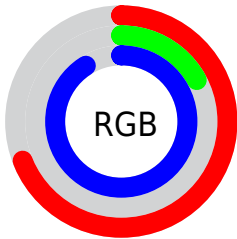
Format	Color
RYB	176, 43, 232
Decimal	11545576
CIELab	47.99, 76.80, -68.50
CIElCh	48, 102.908, 318.269
Yxy	16.7841, 0.2605, 0.1312
Android (android.graphics.Color)	4289735656 (0xFFB02BE8)
YUV	104.3130, 62.9497, 62.8695
Hunter-Lab	40.9683, 73.5418, -83.9541

Details

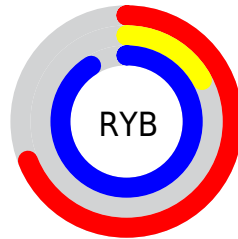
The YUV color **104.3130, 62.9497, 62.8695** is a light color, and the websafe version is hex **9900CC**. The color can be described as light washed purple. A complement of this color would be **170.6870, -62.9497, -62.8695**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8560, 45.9200, 65.0243**, and **54.9330, 59.1930, 54.4328** is the 20% darker color. If you saturate the color by 10%, you get **88.7190, 70.6375, 70.4064**, and if you desaturate by 10%, it is **119.9070, 55.2618, 55.3326**.

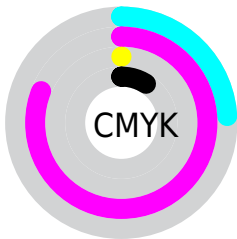
Distribution



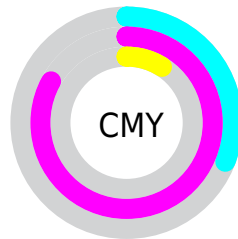
- Red (69%)
- Green (17%)
- Blue (91%)



- Red (69%)
- Yellow (17%)
- Blue (91%)



- Cyan (24%)
- Magenta (81%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (83%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3130, 62.9497, 62.8695 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 104.3130, 62.9497, 62.8695 by changing the saturation by 10% instead.

104.3130, 62.9497,
62.8695

104.3130, 62.9497,
62.8695

255.0000, 0.0000,
0.0000

66.7960, 67.1486,
69.4619

161.8560, 45.9200,
65.0243

54.9330, 59.1930,
54.4328

184.5600, 34.7269,
61.7759

42.8850, 51.8217,
38.6889

201.5830, 26.3346,
46.8467

30.8370, 44.4504,
22.9450

218.6060, 17.9422,
31.9175

18.3050, 37.8106,
5.8715

236.2160, 9.2605,
16.4736

7.9800, 30.5759,
-6.9985

253.8260, 0.5788,

7.7060, 19.3719,

1.0296

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 104.3130, 62.9497,
62.8695

■ 104.3130, 62.9497,
62.8695

■ 88.7190, 70.6375,
70.4064

■ 119.9070, 55.2618,
55.3326

■ 75.1850, 77.3098,
77.0138

■ 135.5010, 47.5740,
47.7956

■ 151.6820, 39.5968,
39.7439

■ 166.9770, 32.0563,
31.5922

■ 182.5710, 24.3685,
24.0552

■ 198.1650, 16.6807,
16.5183

■ 213.7590, 8.9928,
8.9814

■ 229.9400, 1.0156,
0.9296

■ 245.5340, -6.6723,
-6.6073

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



104.3130, 62.9497, 62.8695



90.2840, 30.4260, 134.8089

Triad

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



104.3130, 62.9497, 62.8695



107.4590, -52.9773, 52.2175



104.7400, 30.6942, -91.8570

Complementary

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



104.3130, 62.9497, 62.8695



170.6870, -62.9497, -62.8695

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.



93.0780, -8.9125, -81.6294



104.3130, 62.9497, 62.8695



100.2740, -49.4351, -10.7643

Square

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



104.3130, 62.9497, 62.8695



85.7600, -42.2797, 121.2365



81.5930, -40.2253, -71.5571



113.6320, 64.7644, -99.6553

Rectangle

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



104.3130, 62.9497, 62.8695



87.0750, 3.9070, 147.2702



81.5930, -40.2253, -71.5571



101.3200, 17.5902, -88.8576

Sweetspot

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



104.3130, 62.9497, 62.8695



213.8110, 20.3062, 20.3368



98.0050, 66.0595, -48.2394



102.9920, 12.3289, 12.2850



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.



104.3130, 62.9497, 62.8695



86.1240, 83.2559, 83.2063



116.7250, 38.0966, 101.0962



106.7600, 4.0623, 3.7185



58.0800, 59.6136, 59.5658



16.5780, 16.9700, 17.0331

Inverse Universe

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



105.8950, -3.3992, 110.5941



88.1860, -4.5287, 146.2959



158.2750, -38.0966, -101.0962



107.0440, -0.0217, 6.9774



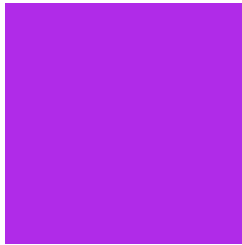
59.5630, -3.2356, 104.7462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 104.3130, 62.9497, 62.8695 looks on a white background.

Color Contrast Check

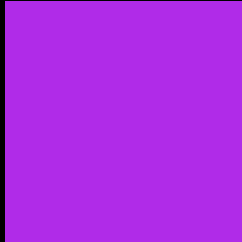
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.3130, 62.9497, 62.8695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

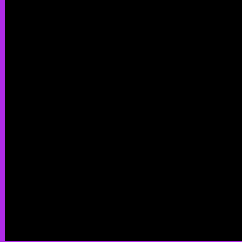
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.3130, 62.9497, 62.8695

Background



This preview shows how black text looks on a background with the YUV color 104.3130, 62.9497, 62.8695.



This preview shows how white text looks on a background with the YUV color 104.3130, 62.9497, 62.8695.

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

104.3130, 62.9497, 62.8695

Protanopia

91.1320, 69.9409, -79.9228

Deuteranopia

91.9350, 55.2480, -80.6270



Tritanopia

115.5530, -5.2026, 35.4720

Trichromacy



Original Color

104.3130, 62.9497, 62.8695



Protanomaly

96.1800, 67.4523, -28.2219



Deuteranomaly

96.3620, 57.9955, -28.3815



Tritanomaly

111.1500, 19.6461, 45.4725

Monochromacy



Original Color

104.3130, 62.9497, 62.8695



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

104.2180, 23.0635, 22.6108

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3130, 62.9497, 62.8695 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, 43, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 43, 232)  
}
```

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, 43, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 43, 232) }
```

Border

The CSS property to change the border of an element to YUV 104.3130, 62.9497, 62.8695 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, 43, 232) }
```


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

```
.border{ border-color:rgb(176, 43, 232) }
```

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

Here you see how a box with a 4 pixel rgb(176, 43, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 43, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 43, 232);  
box-shadow:4px 4px 4px 4px rgb(176, 43,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 104.3130, 62.9497, 62.8695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 43, 232) }
```

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

```
.background{ background-color: rgb(176, 43,  
232) }
```

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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