

Converting Colors

XYZ(35.2099, 32.4673, 47.0642)

Have a look what the booklet for
XYZ(35.2099, 32.4673, 47.0642)
contains.

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Color

**XYZ(35.2102, 32.4704,
47.0595)**

Conversions

Conversions Part 1

Format	Color
Hex	AB92B3
RGB	171, 146, 179
RGB Percent	67%, 57%, 70%
CMY	0.3294, 0.4274, 0.2980
CMYK	0.04, 0.18, 0.00, 0.30
HSL	285°, 18%, 64%
HSV	285°, 18%, 70%
XYZ	35.2102, 32.4704, 47.0595
YIQ	157.2370, 4.3070, 15.5630

Conversions

Conversions Part 2

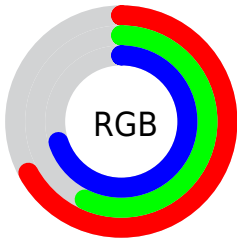
Format	Color
R_{YB}	171, 146, 179
Decimal	11244211
CIE _{Lab}	63.73, 15.44, -13.75
CIE _{LCh}	64, 20.671, 318.307
Yxy	32.4704, 0.3069, 0.2830
Android (android.graphics.Color)	4289434291 (0xFFAB92B3)
YUV	157.2370, 10.7292, 12.0702
Hunter-Lab	56.9828, 10.5769, -9.0769

Details

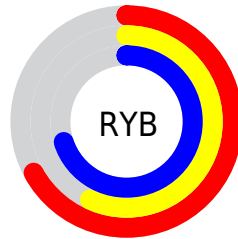
The XYZ color **35.2102, 32.4704, 47.0595** is a light color, and the websafe version is hex **9999CC**, and the color name is **glossy grape**. A complement of this color would be **34.6360, 41.1864, 33.3200**, and the grayscale version is **32.1072, 33.7793, 36.7856**.

A 20% lighter version of the original color is **67.3282, 63.6376, 87.3320**, and **15.4659, 13.6127, 21.5510** is the 20% darker color. If you saturate the color by 10%, you get **31.7345, 26.8989, 46.1678**, and if you desaturate by 10%, it is **39.1509, 38.9248, 48.0981**.

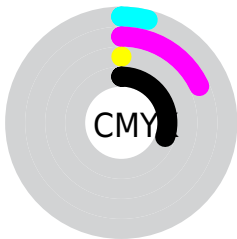
Distribution



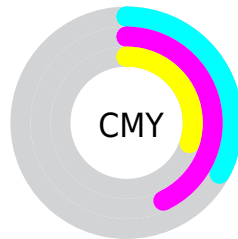
- Red (67%)
- Green (57%)
- Blue (70%)



- Red (67%)
- Yellow (57%)
- Blue (70%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (30%)





- Cyan (33%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2102, 32.4704, 47.0595 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 XYZ color 35.2102, 32.4704, 47.0595 by changing the saturation by 10% instead.


 35.2102, 32.4704,
47.0595

 35.2102, 32.4704,
47.0595

316.9870,
313.2565, 391.4526

 23.9921, 21.7210,
32.7280


 67.1432, 63.5478,
87.1533

 15.4525, 13.6521,
21.6488

 88.5887, 84.6446,
113.7528

 9.2259, 7.8791,
13.4032


114.1742,
109.9594, 145.2786

 4.9471, 4.0177,
7.5728

144.2649,
139.8766, 182.1494

 2.2507, 1.6835,
3.7390

179.2261,
174.7805, 224.7836

 0.7693, 0.4129,
1.4833

219.4233,

 0.0000, 0.0000,

215.0555, 273.5999

0.2054

265.2218,
261.0860, 329.0167

■ 0.0000, 0.0000,
0.0000

■ 35.2102, 32.4704,
47.0595

■ 35.2102, 32.4704,
47.0595

■ 31.7345, 26.8989,
46.1678

■ 39.1509, 38.9248,
48.0981

■ 28.7006, 22.1658,
45.4141

■ 43.5728, 46.2954,
49.2877

■ 26.0875, 18.2291,
44.7920

■ 48.4946, 54.6192,
50.6350

■ 23.8712, 15.0414,
44.2935

■ 53.9335, 63.9297,
52.1454

■ 22.0254, 12.5503,
43.9099

■ 59.9055, 74.2586,
53.8243

■ 20.5201, 10.6963,
43.6314

■ 66.4260, 85.6365,
55.6768

■ 19.3203, 9.4101,
43.4464

■ 68.0860, 87.2447,
55.8998

■ 18.3669, 8.5737,
43.3352

■ 69.2721, 87.8562,
55.9553

■ 18.2262, 8.4560,
43.3199

■ 70.4915, 88.4848,
56.0123

Harmonies

Analogous

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



32.6447, 32.4704, 52.7612



35.2102, 32.4704, 47.0595



36.6431, 32.4704, 38.6866

Triad

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



35.2102, 32.4704, 47.0595



32.0046, 32.4704, 21.9235



25.8712, 32.4704, 40.6049

Complementary

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



35.2102, 32.4704, 47.0595



34.6360, 41.1864, 33.3200

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.



25.7236, 32.4704, 32.2199



35.2102, 32.4704, 47.0595



29.1457, 32.4704, 22.2717

Square

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



35.2102, 32.4704, 47.0595



34.7164, 32.4704, 24.7324



26.8876, 32.4704, 25.7720



27.3042, 32.4704, 48.6517

Rectangle

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



35.2102, 32.4704, 47.0595



36.7072, 32.4704, 33.1001



26.8876, 32.4704, 25.7720



25.6731, 32.4704, 37.7095

Sweetspot

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



35.2112, 32.4718, 47.0602



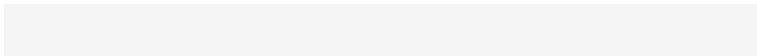
71.8863, 72.6423, 86.6137



31.5890, 32.5609, 47.2683



15.8177, 15.9136, 19.1602



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.2112, 32.4718, 47.0602



60.5128, 54.0411, 83.6228



36.1972, 33.0736, 42.8802



8.6448, 8.5409, 10.6993



12.9400, 6.0066, 30.6144



0.4557, 0.2140, 0.9655

Inverse Universe

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



34.7032, 32.4760, 35.0128



59.4862, 54.0785, 57.9748



33.8289, 40.6935, 36.7542



8.5780, 8.5379, 9.2764



13.4722, 6.9065, 2.3809



0.4472, 0.2266, 0.1977

Previews

White Background



This preview shows how the XYZ color 35.2102, 32.4704, 47.0595 looks on a white background.

Color Contrast Check

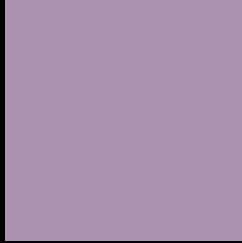
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.2102, 32.4704, 47.0595 looks on a black 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 ✓ Pass

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

XYZ 35.2102, 32.4704, 47.0595

Background



This preview shows how black text looks on a background with the XYZ color 35.2102, 32.4704, 47.0595.



This preview shows how white text looks on a background with the XYZ color 35.2102, 32.4704,

47.0595.

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

35.2102, 32.4704, 47.0595

Protanopia

32.2557, 32.5391, 49.9280

Deuteranopia

33.2030, 32.6167, 46.6651



Tritanopia

33.3289, 32.3929, 38.2141

Trichromacy



Original Color

35.2102, 32.4704, 47.0595

Protanomaly

33.0601, 32.2580, 48.7399

Deuteranomaly

33.8876, 32.4958, 46.6057

Tritanomaly

34.0200, 32.4420, 41.5147

Monochromacy



Original Color

35.2102, 32.4704, 47.0595

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.0831, 33.1805, 40.2581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2102, 32.4704, 47.0595 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(171, 146, 179)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 179)  
}
```

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(171, 146, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 179) }
```

Border

The CSS property to change the border of an element to XYZ 35.2102, 32.4704, 47.0595 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(171, 146, 179) }
```


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

```
.border{ border-color:rgb(171, 146, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 179);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2102, 32.4704, 47.0595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 179) }
```

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

```
.background{ background-color: rgb(171,  
146, 179) }
```

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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