

Converting Colors

XYZ(18.0032, 9.9124, 8.9471)

Have a look what the booklet for
XYZ(18.0032, 9.9124, 8.9471)
contains.

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Color

**XYZ(18.0032, 9.9124,
8.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	A72152
RGB	167, 33, 82
RGB Percent	65%, 13%, 32%
CMY	0.3451, 0.8705, 0.6784
CMYK	0.00, 0.80, 0.51, 0.35
HSL	338°, 67%, 39%
HSV	338°, 80%, 65%
XYZ	18.0032, 9.9124, 8.9471
YIQ	78.6520, 64.1350, 43.6470

Conversions

Conversions Part 2

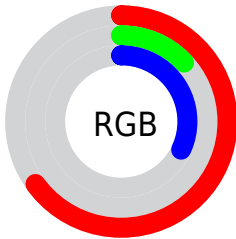
Format	Color
R_{YB}	167, 33, 82
Decimal	10953042
CIE _{Lab}	37.68, 55.75, 5.61
CIE _{LCh}	38, 56.031, 5.746
Yxy	9.9124, 0.4884, 0.2689
Android (android.graphics.Color)	4289143122 (0xFFA72152)
YUV	78.6520, 1.6506, 77.4812
Hunter-Lab	31.4840, 46.9732, 5.1898

Details

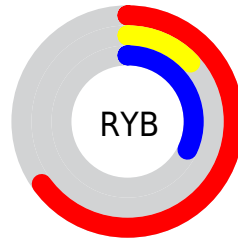
The XYZ color **18.0032, 9.9124, 8.9471** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **17.7168, 29.2691, 21.8584**, and the grayscale version is **7.3545, 7.7376, 8.4262**.

A 20% lighter version of the original color is **39.6024, 25.6239, 24.3314**, and **6.6565, 3.3912, 2.1374** is the 20% darker color. If you saturate the color by 10%, you get **17.2766, 9.0555, 6.8672**, and if you desaturate by 10%, it is **19.0224, 11.2552, 11.4319**.

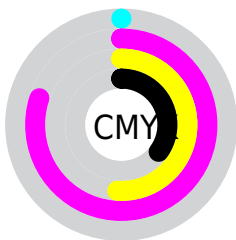
Distribution



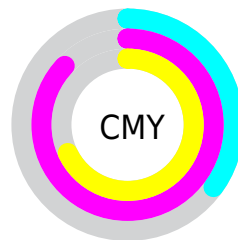
- Red (65%)
- Green (13%)
- Blue (32%)



- Red (65%)
- Yellow (13%)
- Blue (32%)



- Cyan (0%)
- Magenta (80%)
- Yellow (51%)
- Black (35%)



- Cyan (35%)
- Magenta (87%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.0032, 9.9124, 8.9471 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 18.0032, 9.9124, 8.9471 by changing the saturation by 10% instead.


 18.0032, 9.9124,
8.9471


 18.0032, 9.9124,
8.9471


233.9343,
190.0457, 193.1863


 11.0520, 5.3409,
4.6103


 39.5728, 25.6306,
24.3714


 6.1694, 2.4486,
1.9658


 54.9219, 37.5461,
36.2960


 2.9900, 0.8507,
0.5341

 73.8011, 52.6784,
51.5870

 1.1485, 0.0000,
0.0000

 96.5756, 71.4119,
70.6629

 0.0651, 0.0000,
0.0000

 123.6108, 94.1310,
93.9422

 0.0000, 0.0000,
0.0000

 155.2721,

121.2201, 121.8435

191.9248,
153.0635, 154.7854

■ 18.0032, 9.9124,
8.9471

■ 18.0032, 9.9124,
8.9471

■ 17.2766, 9.0555,
6.8672

■ 19.0224, 11.2552,
11.4319

■ 16.7802, 8.5530,
5.1898

■ 20.3663, 13.1431,
14.3451

■ 22.0629, 15.6289,
17.7086

■ 24.1373, 18.7583,
21.5425

■ 26.6118, 22.5727,
25.8652

■ 29.5072, 27.1100,
30.6945

■ 32.8426, 32.4053,
36.0469

■ 36.6360, 38.4913,
41.9382

■ 40.9043, 45.3988,
48.3834

Harmonies

Analogous

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



17.1401, 9.9124, 21.0125



18.0032, 9.9124, 8.9471



16.1391, 9.9124, 2.9145

Triad

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



18.0032, 9.9124, 8.9471



5.9622, 9.9124, 1.4207



6.8805, 9.9124, 40.3404

Complementary

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



18.0032, 9.9124, 8.9471



17.7168, 29.2691, 21.8584

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.



4.8870, 9.9124, 26.7699



18.0032, 9.9124, 8.9471



4.4578, 9.9124, 4.5776

Square

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



18.0032, 9.9124, 8.9471



8.7527, 9.9124, 0.6449



4.1208, 9.9124, 12.8766



10.1234, 9.9124, 44.3989

Rectangle

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



18.0032, 9.9124, 8.9471



13.8225, 9.9124, 1.3463



4.1208, 9.9124, 12.8766



6.0704, 9.9124, 36.4514

Sweetspot

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



18.0035, 9.9130, 8.9473



50.5730, 44.9766, 51.2259



14.9728, 7.7208, 37.2602



10.9241, 9.4496, 10.8049



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



18.0035, 9.9130, 8.9473



30.2649, 15.5535, 9.9492



17.3894, 10.6822, 2.5850



7.6403, 7.5860, 8.4228



12.8623, 6.5536, 4.0865



0.3376, 0.1693, 0.2291

Inverse Universe

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



18.0035, 9.9130, 8.9473



30.2649, 15.5535, 9.9492



18.3713, 24.6510, 40.3489



7.6403, 7.5860, 8.4228



12.8623, 6.5536, 4.0865



0.3376, 0.1693, 0.2291

Previews

White Background



This preview shows how the XYZ color 18.0032, 9.9124, 8.9471 looks on a white background.

Color Contrast Check

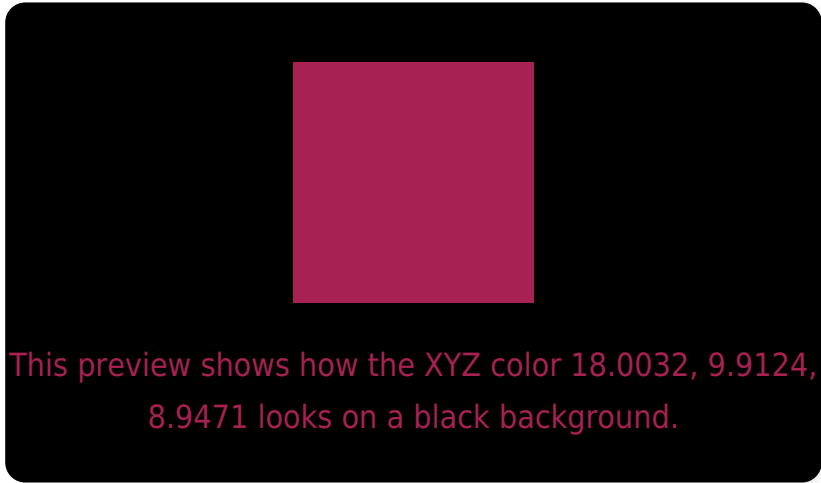
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

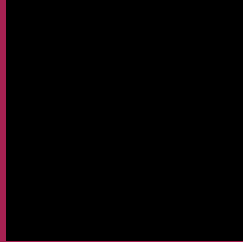
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0032, 9.9124, 8.9471

Background



This preview shows how black text looks on a background with the XYZ color 18.0032, 9.9124, 8.9471.



This preview shows how white text looks on a background with the XYZ color 18.0032, 9.9124,

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

18.0032, 9.9124, 8.9471

Protanopia

10.2433, 10.2459, 16.7670

Deuteranopia

10.4216, 10.2812, 8.2727



Tritanopia

16.8546, 9.9165, 3.5084

Trichromacy



Original Color

18.0032, 9.9124, 8.9471

Protanomaly

11.5473, 8.8407, 13.4097

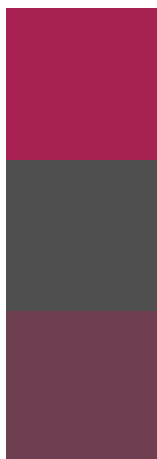
Deuteranomaly

12.1347, 9.0764, 8.3201

Tritanomaly

17.2151, 9.8635, 4.9995

Monochromacy



Original Color

18.0032, 9.9124, 8.9471

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

9.7261, 7.4039, 8.5059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0032, 9.9124, 8.9471 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, 33, 82)` looks like.

```
.text, #text, p{  
    color:rgb(167, 33, 82)  
}
```

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, 33, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 33, 82) }
```

Border

The CSS property to change the border of an element to XYZ 18.0032, 9.9124, 8.9471 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, 33, 82) }
```


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

```
.border{ border-color:rgb(167, 33, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 33, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 33, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 33, 82);  
box-shadow:4px 4px 4px 4px rgb(167, 33,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0032, 9.9124, 8.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 33, 82) }
```

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

```
.background{ background-color: rgb(167, 33,  
82) }
```

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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