

Converting Colors

XYZ(18.7621, 9.3431, 29.2483)

Have a look what the booklet for
XYZ(18.7621, 9.3431, 29.2483)
contains.

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Color

**XYZ(18.7621, 9.3431,
29.2483)**

Conversions

Conversions Part 1

Format	Color
Hex	991195
RGB	153, 17, 149
RGB Percent	60%, 7%, 58%
CMY	0.4000, 0.9333, 0.4157
CMYK	0.00, 0.89, 0.03, 0.40
HSL	302°, 80%, 33%
HSV	302°, 89%, 60%
XYZ	18.7621, 9.3431, 29.2483
YIQ	72.7120, 38.6840, 69.8840

Conversions

Conversions Part 2

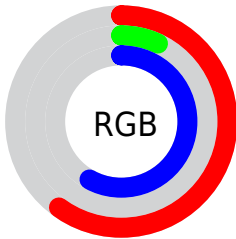
Format	Color
R_{YB}	153, 17, 149
Decimal	10031509
CIE _{Lab}	36.64, 64.25, -38.29
CIE _{LCh}	37, 74.792, 329.204
Yxy	9.3431, 0.3271, 0.1629
Android (android.graphics.Color)	4288221589 (0xFF991195)
YUV	72.7120, 37.6100, 70.4126
Hunter-Lab	30.5665, 56.0742, -35.3366

Details

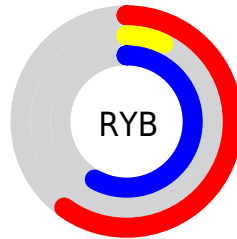
The XYZ color **18.7621, 9.3431, 29.2483** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **11.7582, 22.9562, 4.5213**, and the grayscale version is **6.2158, 6.5395, 7.1215**.

A 20% lighter version of the original color is **40.9334, 24.5492, 59.7078**, and **7.0874, 3.4045, 11.5928** is the 20% darker color. If you saturate the color by 10%, you get **18.5445, 8.9651, 28.9989**, and if you desaturate by 10%, it is **19.1228, 10.0066, 29.5462**.

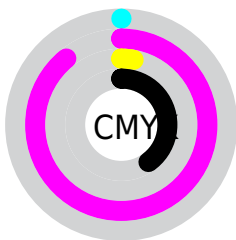
Distribution



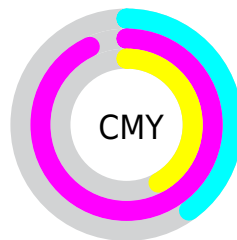
- Red (60%)
- Green (7%)
- Blue (58%)



- Red (60%)
- Yellow (7%)
- Blue (58%)



- Cyan (0%)
- Magenta (89%)
- Yellow (3%)
- Black (40%)



- Cyan (40%)
- Magenta (93%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7621, 9.3431, 29.2483 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 18.7621, 9.3431, 29.2483 by changing the saturation by 10% instead.

18.7621, 9.3431,
29.2483

18.7621, 9.3431,
29.2483

238.0957,
185.9172, 312.4822

11.6015, 4.9656,
19.0215

40.8517, 24.5524,
59.5182

6.5432, 2.2271,
11.5089

56.5114, 36.1530,
80.3985

3.2219, 0.7347,
6.2918

75.7349, 50.9301,
105.6670

1.2722, 0.0000,
2.9516

98.8874, 69.2681,
135.7423

0.1622, 0.0000,
1.0700

126.3344, 91.5515,
171.0429

0.0000, 0.0000,
0.0000

158.4412,

118.1645, 211.9874

195.5732,
149.4916, 258.9944

■ 18.7621, 9.3431,
29.2483

■ 18.7621, 9.3431,
29.2483

■ 18.5445, 8.9651,
28.9989

■ 19.1228, 10.0066,
29.5462

■ 18.5220, 8.9264,
28.9716

■ 19.6751, 11.0534,
29.9087

■ 20.4429, 12.5308,
30.3436

■ 21.4461, 14.4791,
30.8578

■ 22.7027, 16.9336,
31.4570

■ 24.2285, 19.9266,
32.1467

■ 26.0385, 23.4875,
32.9318

■ 28.1461, 27.6436,
33.8168

■ 30.5643, 32.4206,
34.8060

Harmonies

Analogous

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



13.8915, 9.3431, 51.7089



18.7621, 9.3431, 29.2483



20.8744, 9.3431, 10.5266

Triad

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



18.7621, 9.3431, 29.2483



9.0030, 9.3431, 0.0000



3.2087, 9.3431, 28.0411

Complementary

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



18.7621, 9.3431, 29.2483



11.7582, 22.9562, 4.5213

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.



2.6754, 9.3431, 9.8275



18.7621, 9.3431, 29.2483



5.2476, 9.3431, 0.0000

Square

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



18.7621, 9.3431, 29.2483



14.1784, 9.3431, 0.0000



3.2710, 9.3431, 1.9650



5.1001, 9.3431, 50.6823

Rectangle

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



18.7621, 9.3431, 29.2483



20.0237, 9.3431, 3.9400



3.2710, 9.3431, 1.9650



2.9007, 9.3431, 20.8915

Sweetspot

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



18.7625, 9.3435, 29.2485



43.7970, 36.4854, 57.7499



6.2244, 2.8424, 30.3579



9.4684, 7.6588, 12.6621



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.7625, 9.3435, 29.2485



33.1578, 15.9809, 51.8177



14.8889, 7.7941, 8.8506



6.4534, 6.3205, 7.7676



15.3102, 7.3783, 23.9561



0.2310, 0.1111, 0.3693

Inverse Universe

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



18.7625, 9.3435, 29.2485



33.1578, 15.9809, 51.8177



13.3542, 23.5946, 12.9256



6.4534, 6.3205, 7.7676



15.3102, 7.3783, 23.9561



0.2310, 0.1111, 0.3693

Previews

White Background



This preview shows how the XYZ color 18.7621, 9.3431, 29.2483 looks on a white background.

Color Contrast Check

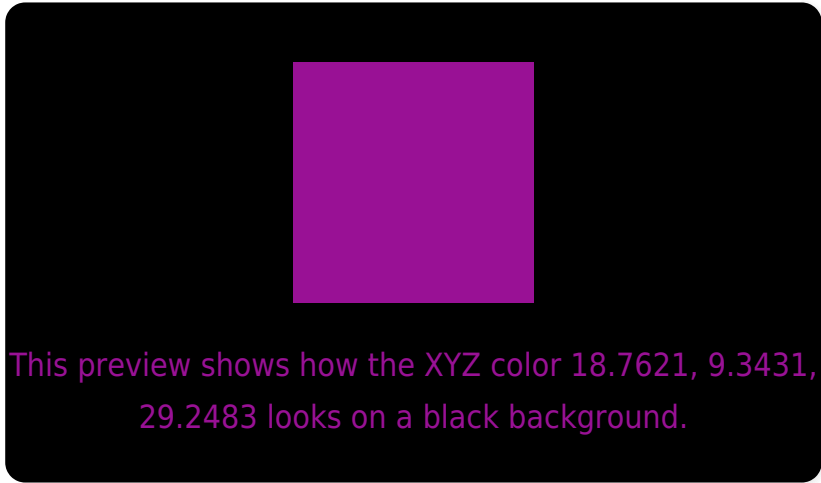
Large Text (above 18pt) WCAG AA ✓ Pass

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

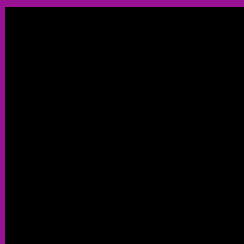
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.7621, 9.3431, 29.2483

Background



This preview shows how black text looks on a background with the XYZ color 18.7621, 9.3431, 29.2483.



This preview shows how white text looks on a background with the XYZ color 18.7621, 9.3431,

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

18.7621, 9.3431, 29.2483

Protanopia

11.4867, 9.7923, 44.4647

Deuteranopia

9.9683, 9.7724, 26.1718



Tritanopia

14.0429, 9.5312, 5.9500

Trichromacy



Original Color

18.7621, 9.3431, 29.2483



Protanomaly

10.4082, 6.9370, 38.3265



Deuteranomaly

11.1948, 7.7556, 26.8935



Tritanomaly

14.9989, 8.8306, 11.7404

Monochromacy



Original Color

18.7621, 9.3431, 29.2483



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

9.1016, 6.3106, 13.0503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7621, 9.3431, 29.2483 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(153, 17, 149)` looks like.

```
.text, #text, p{  
    color:rgb(153, 17, 149)  
}
```

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(153, 17, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 17, 149) }
```

Border

The CSS property to change the border of an element to XYZ 18.7621, 9.3431, 29.2483 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(153, 17, 149) }
```


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

```
.border{ border-color:rgb(153, 17, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 17, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 17, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 17, 149);  
box-shadow:4px 4px 4px 4px rgb(153, 17,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7621, 9.3431, 29.2483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 17, 149) }
```

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

```
.background{ background-color: rgb(153, 17,  
149) }
```

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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