

Converting Colors

XYZ(21.6579, 17.0558, 22.8097)

Have a look what the booklet for
XYZ(21.6579, 17.0558, 22.8097)
contains.

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Color

**XYZ(21.7547, 17.1029,
22.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6181
RGB	155, 97, 129
RGB Percent	61%, 38%, 51%
CMY	0.3922, 0.6196, 0.4941
CMYK	0.00, 0.37, 0.17, 0.39
HSL	327°, 23%, 49%
HSV	327°, 37%, 61%
XYZ	21.7547, 17.1029, 22.9235
YIQ	117.9900, 24.2960, 22.2480

Conversions

Conversions Part 2

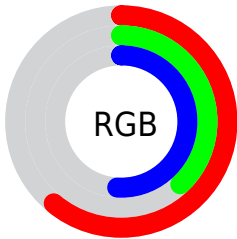
Format	Color
R_{YB}	155, 97, 129
Decimal	10183041
CIE Lab	48.39, 28.31, -7.96
CIE LCh	48, 29.408, 344.290
Yxy	17.1029, 0.3521, 0.2768
Android (android.graphics.Color)	4288373121 (0xFF9B6181)
YUV	117.9900, 5.4279, 32.4578
Hunter-Lab	41.3557, 21.5256, -3.9156

Details

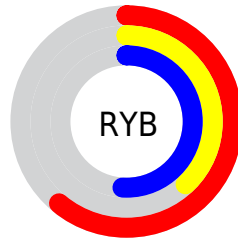
The XYZ color **21.7547, 17.1029, 22.9235** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.2270, 27.4146, 22.9655**, and the grayscale version is **17.1954, 18.0909, 19.7010**.

A 20% lighter version of the original color is **45.7693, 38.5739, 49.2892**, and **8.0258, 5.6006, 8.2474** is the 20% darker color. If you saturate the color by 10%, you get **20.0137, 14.3351, 20.1414**, and if you desaturate by 10%, it is **23.8079, 20.4446, 25.9651**.

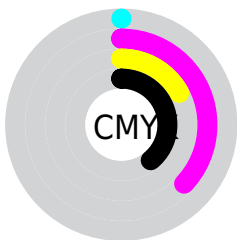
Distribution



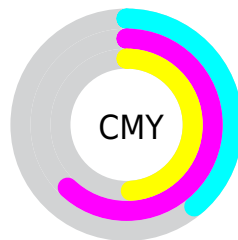
- Red (61%)
- Green (38%)
- Blue (51%)



- Red (61%)
- Yellow (38%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (17%)
- Black (39%)




- Cyan (39%)
- Magenta (62%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.7547, 17.1029, 22.9235 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 21.7547, 17.1029, 22.9235 by changing the saturation by 10% instead.


 21.7547, 17.1029,
22.9235


 21.7547, 17.1029,
22.9235


253.9191,
235.7647, 280.4410


 13.7924, 10.3079,
14.3323


 45.8221, 38.5026,
49.1893

 8.0571, 5.6036,
8.2107


 62.6579, 53.8761,
67.7009

 4.1836, 2.6056,
4.1404

 83.1822, 72.8779,
90.3564

 1.8065, 0.9295,
1.7027

 107.7604, 95.8923,
117.5743

 0.5216, 0.0000,
0.3626

136.7578,
123.3038, 149.7732

 0.0000, 0.0000,
0.0000

170.5398,

155.4968, 187.3716

209.4718,
192.8556, 230.7880

■ 21.7547, 17.1029,
22.9235

■ 21.7547, 17.1029,
22.9235

■ 20.0137, 14.3351,
20.1414

■ 23.8079, 20.4446,
25.9651

■ 18.5666, 12.1057,
17.6089

■ 26.1875, 24.3880,
29.2732

■ 17.3949, 10.3791,
15.3172


■ 28.9086, 28.9622,
32.8561


■ 16.4779, 9.1145,
13.2557

■ 31.9848, 34.1936,
36.7210


■ 15.7911, 8.2644,
11.4133


■ 35.4290, 40.1069,
40.8749


 15.2941, 7.7487,
9.7727

 39.2534, 46.7258,
45.3247

 15.1779, 7.6327,
9.3751

 43.4697, 54.0728,
50.0768

 48.0889, 62.1692,
55.1375

 53.1219, 71.0356,
60.5129

Harmonies

Analogous

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



20.1376, 17.1029, 31.3510



21.7547, 17.1029, 22.9235



21.7950, 17.1029, 15.2030

Triad

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



21.7547, 17.1029, 22.9235



15.0134, 17.1029, 7.6476



12.8304, 17.1029, 30.9853

Complementary

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



21.7547, 17.1029, 22.9235



20.2270, 27.4146, 22.9655

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.



11.7449, 17.1029, 22.5189



21.7547, 17.1029, 22.9235



12.9079, 17.1029, 9.9106

Square

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



21.7547, 17.1029, 22.9235



17.6955, 17.1029, 7.7001



11.7716, 17.1029, 14.8956



14.8964, 17.1029, 36.8096

Rectangle

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



21.7547, 17.1029, 22.9235



20.9097, 17.1029, 11.4671



11.7716, 17.1029, 14.8956



12.3494, 17.1029, 28.2656

Sweetspot

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



21.7552, 17.1037, 22.9238



49.8478, 48.6211, 56.3460



18.2367, 15.0641, 32.9571



11.1442, 10.7719, 12.5716



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.7552, 17.1037, 22.9238



36.2873, 26.3712, 36.8084



20.1353, 16.4557, 14.3936



6.3442, 6.2768, 7.1928



12.2103, 6.1383, 7.6323



0.2009, 0.0991, 0.2105

Inverse Universe

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



21.7552, 17.1037, 22.9238



36.2873, 26.3712, 36.8084



22.2484, 28.2232, 33.6103



6.3442, 6.2768, 7.1928



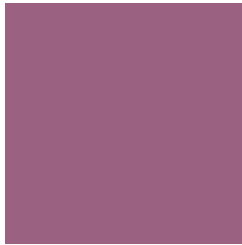
12.2103, 6.1383, 7.6323



0.2009, 0.0991, 0.2105

Previews

White Background



This preview shows how the XYZ color 21.7547, 17.1029, 22.9235 looks on a white background.

Color Contrast Check

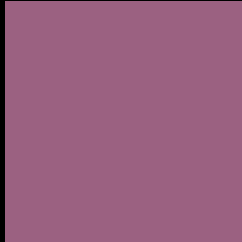
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.7547, 17.1029, 22.9235 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](#).

XYZ 21.7547, 17.1029, 22.9235

Background



This preview shows how black text looks on a background with the XYZ color 21.7547, 17.1029, 22.9235.



This preview shows how white text looks on a background with the XYZ color 21.7547, 17.1029,

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

21.7547, 17.1029, 22.9235

Protanopia

17.0576, 17.1793, 27.2278

Deuteranopia

17.4452, 17.1596, 22.1313



Tritanopia

20.4973, 17.1624, 16.4197

Trichromacy



Original Color

21.7547, 17.1029, 22.9235

Protanomaly

18.4107, 16.9383, 25.5916

Deuteranomaly

18.7613, 17.0342, 22.3778

Tritanomaly

21.0360, 17.2453, 18.7430

Monochromacy



Original Color

21.7547, 17.1029, 22.9235

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.4489, 17.3823, 20.7951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7547, 17.1029, 22.9235 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(155, 97, 129)` looks like.

```
.text, #text, p{  
    color:rgb(155, 97, 129)  
}
```

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(155, 97, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 97, 129) }
```

Border

The CSS property to change the border of an element to XYZ 21.7547, 17.1029, 22.9235 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(155, 97, 129) }
```


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

```
.border{ border-color:rgb(155, 97, 129) }
```

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

Here you see how a box with a 4 pixel rgb(155, 97, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 97, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 97, 129);  
box-shadow:4px 4px 4px 4px rgb(155, 97,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7547, 17.1029, 22.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 97, 129) }
```

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

```
.background{ background-color: rgb(155, 97,  
129) }
```

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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