

Converting Colors

XYZ(21.8289, 16.4177, 27.2457)

Have a look what the booklet for
XYZ(21.8289, 16.4177, 27.2457)
contains.

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Color

**XYZ(21.7717, 16.3497,
27.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	995C8D
RGB	153, 92, 141
RGB Percent	60%, 36%, 55%
CMY	0.4000, 0.6392, 0.4471
CMYK	0.00, 0.40, 0.08, 0.40
HSL	312°, 25%, 48%
HSV	312°, 40%, 60%
XYZ	21.7717, 16.3497, 27.2076
YIQ	115.8250, 20.6270, 28.1710

Conversions

Conversions Part 2

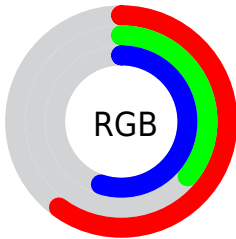
Format	Color
R_{YB}	153, 92, 141
Decimal	10050701
CIE _{Lab}	47.43, 32.52, -16.61
CIE _{LCh}	47, 36.520, 332.947
Yxy	16.3497, 0.3333, 0.2503
Android (android.graphics.Color)	4288240781 (0xFF995C8D)
YUV	115.8250, 12.4113, 32.6025
Hunter-Lab	40.4348, 25.3507, -11.5905

Details

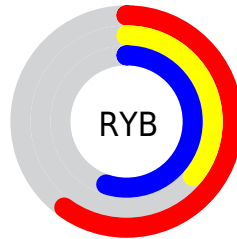
The XYZ color **21.7717, 16.3497, 27.2076** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.3042, 26.0577, 17.1627**, and the grayscale version is **16.5062, 17.3658, 18.9114**.

A 20% lighter version of the original color is **45.8360, 37.2965, 56.4129**, and **8.0077, 5.1924, 10.4777** is the 20% darker color. If you saturate the color by 10%, you get **20.3569, 13.8735, 25.6461**, and if you desaturate by 10%, it is **23.4613, 19.3652, 28.8911**.

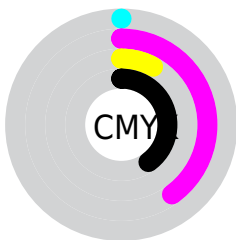
Distribution



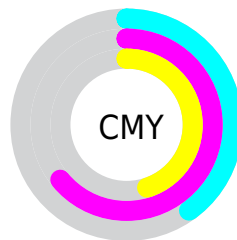
- Red (60%)
- Green (36%)
- Blue (55%)



- Red (60%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7717, 16.3497, 27.2076 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 21.7717, 16.3497, 27.2076 by changing the saturation by 10% instead.

■ 21.7717, 16.3497,
27.2076

■ 21.7717, 16.3497,
27.2076

254.0065,
231.3965, 302.4528

■ 13.8049, 9.7719,
17.4954

■ 45.8500, 37.2042,
56.2246

■ 8.0659, 5.2480,
10.4226

■ 62.6923, 52.2498,
76.3665

■ 4.1893, 2.3935,
5.5708

■ 83.2238, 70.8868,
100.8220

■ 1.8098, 0.8225,
2.5214

■ 107.8098, 93.4996,
130.0096

■ 0.5236, 0.0000,
0.8515

136.8157,
120.4725, 164.3480

■ 0.0000, 0.0000,
0.0000

170.6069,

152.1901, 204.2556

209.5487,
189.0366, 250.1510

■ 21.7717, 16.3497,
27.2076

■ 21.7717, 16.3497,
27.2076

■ 20.3569, 13.8735,
25.6461

■ 23.4613, 19.3652,
28.8911

■ 19.1992, 11.9018,
24.1999

■ 25.4390, 22.9475,
30.7007

■ 18.2809, 10.3996,
22.8630

■ 27.7192, 27.1248,
32.6417

■ 17.5817, 9.3260,
21.6286

■ 30.3148, 31.9230,
34.7186

■ 17.0777, 8.6335,
20.4882

■ 33.2379, 37.3662,
36.9355

■ 16.7106, 8.2053,
19.4224

■ 36.5001, 43.4774,
39.2967

■ 16.7059, 8.1999,
19.4085

■ 40.1123, 50.2784,
41.8059

■ 44.0849, 57.7900,
44.4669

■ 48.4279, 66.0322,
47.2831

Harmonies

Analogous

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



19.1787, 16.3497, 37.3538



21.7717, 16.3497, 27.2076



22.6254, 16.3497, 16.9007

Triad

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



21.7717, 16.3497, 27.2076



15.2219, 16.3497, 5.2708



10.8781, 16.3497, 29.3698

Complementary

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



21.7717, 16.3497, 27.2076



18.3042, 26.0577, 17.1627

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.



10.1136, 16.3497, 18.7348



21.7717, 16.3497, 27.2076



12.3932, 16.3497, 6.6382

Square

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



21.7717, 16.3497, 27.2076



18.5477, 16.3497, 6.1744



10.6276, 16.3497, 10.8603



12.8763, 16.3497, 38.8770

Rectangle

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



21.7717, 16.3497, 27.2076



22.0086, 16.3497, 11.7148



10.6276, 16.3497, 10.8603



10.4819, 16.3497, 25.6999

Sweetspot

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



21.7722, 16.3504, 27.2079



48.6234, 46.7051, 57.6116



15.1923, 12.8495, 31.8167



10.6292, 10.1160, 12.6311



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.



21.7722, 16.3504, 27.2079



36.6698, 25.2144, 46.1770



19.8513, 15.5821, 17.0927



6.4091, 6.3028, 7.5345



13.8188, 6.7818, 16.1028



0.2184, 0.1061, 0.3031

Inverse Universe

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



21.7722, 16.3504, 27.2079



36.6698, 25.2144, 46.1770



20.0865, 26.7706, 26.5478



6.4091, 6.3028, 7.5345



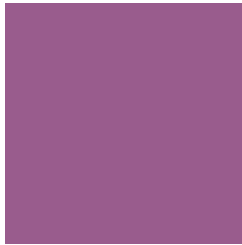
13.8188, 6.7818, 16.1028



0.2184, 0.1061, 0.3031

Previews

White Background



This preview shows how the XYZ color 21.7717, 16.3497, 27.2076 looks on a white background.

Color Contrast Check

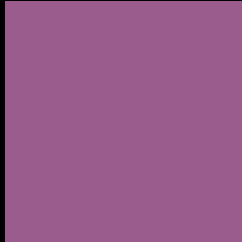
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7717, 16.3497, 27.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

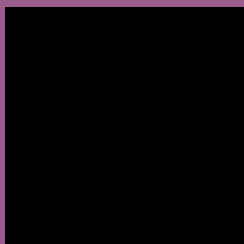
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.7717, 16.3497, 27.2076

Background



This preview shows how black text looks on a background with the XYZ color 21.7717, 16.3497, 27.2076.



This preview shows how white text looks on a background with the XYZ color 21.7717, 16.3497,

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

21.7717, 16.3497, 27.2076

Protanopia

16.8564, 16.4448, 33.2961

Deuteranopia

16.7189, 16.3663, 26.3226



Tritanopia

19.5101, 16.3748, 16.0423

Trichromacy



Original Color

21.7717, 16.3497, 27.2076

Protanomaly

18.0631, 16.0246, 30.9952

Deuteranomaly

18.1146, 16.0002, 26.5597

Tritanomaly

20.0903, 16.1817, 19.5173

Monochromacy



Original Color

21.7717, 16.3497, 27.2076

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.0126, 16.6632, 21.6690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7717, 16.3497, 27.2076 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, 92, 141)` looks like.

```
.text, #text, p{  
    color:rgb(153, 92, 141)  
}
```

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, 92, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 92, 141) }
```

Border

The CSS property to change the border of an element to XYZ 21.7717, 16.3497, 27.2076 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, 92, 141) }
```


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

```
.border{ border-color:rgb(153, 92, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 92, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 92, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 92, 141);  
box-shadow:4px 4px 4px 4px rgb(153, 92,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7717, 16.3497, 27.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 92, 141) }
```

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

```
.background{ background-color: rgb(153, 92,  
141) }
```

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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