

Converting Colors

XYZ(22.0114, 16.4540, 28.1283)

Have a look what the booklet for
XYZ(22.0114, 16.4540, 28.1283)
contains.

XYZ(21.9219, 16.4098, 27.9986)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.9219, 16.4098,
27.9986)**

Conversions

Conversions Part 1

Format	Color
Hex	995C8F
RGB	153, 92, 143
RGB Percent	60%, 36%, 56%
CMY	0.4000, 0.6392, 0.4392
CMYK	0.00, 0.40, 0.07, 0.40
HSL	310°, 25%, 48%
HSV	310°, 40%, 60%
XYZ	21.9219, 16.4098, 27.9986
YIQ	116.0530, 19.9850, 28.7930

Conversions

Conversions Part 2

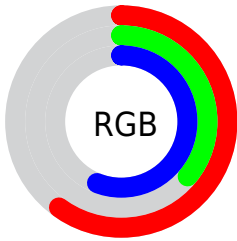
Format	Color
R_{YB}	153, 92, 143
Decimal	10050703
CIE _{Lab}	47.51, 32.89, -17.69
CIE _{LCh}	48, 37.345, 331.734
Yxy	16.4098, 0.3305, 0.2474
Android (android.graphics.Color)	4288240783 (0xFF995C8F)
YUV	116.0530, 13.2849, 32.4025
Hunter-Lab	40.5090, 25.7065, -12.6231

Details

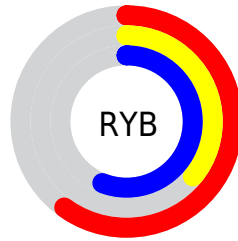
The XYZ color **21.9219, 16.4098, 27.9986** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.2038, 26.0175, 16.6338**, and the grayscale version is **16.5735, 17.4366, 18.9884**.

A 20% lighter version of the original color is **46.0637, 37.3876, 57.6120**, and **8.0952, 5.2274, 10.9382** is the 20% darker color. If you saturate the color by 10%, you get **20.5402, 13.9468, 26.6111**, and if you desaturate by 10%, it is **23.5766, 19.4113, 29.4984**.

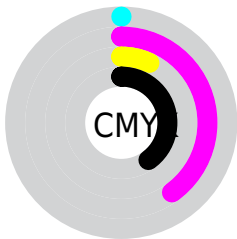
Distribution



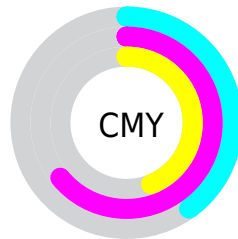
- Red (60%)
- Green (36%)
- Blue (56%)



- Red (60%)
- Yellow (36%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (7%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9219, 16.4098, 27.9986 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 21.9219, 16.4098, 27.9986 by changing the saturation by 10% instead.

21.9219, 16.4098,
27.9986

21.9219, 16.4098,
27.9986

254.7782,
231.7479, 306.3720

13.9158, 9.8146,
18.0856

46.0967, 37.3082,
57.5053

8.1434, 5.2762,
10.8414

62.9961, 52.3802,
77.9360

4.2394, 2.4102,
5.8474

83.5907, 71.0465,
102.7097

1.8385, 0.8311,
2.6852

108.2457, 93.6917,
132.2450

0.5407, 0.0000,
0.9360

137.3267,
120.7000, 166.9603

0.0000, 0.0000,
0.0000

171.1988,

152.4558, 207.2742

210.2275,
189.3437, 253.6052

■ 21.9219, 16.4098,
27.9986

■ 21.9219, 16.4098,
27.9986

■ 20.5402, 13.9468,
26.6111

■ 23.5766, 19.4113,
29.4984

■ 19.4136, 11.9876,
25.3293

■ 25.5176, 22.9789,
31.1146

■ 18.5248, 10.4972,
24.1474

■ 27.7591, 27.1408,
32.8522

■ 17.8532, 9.4347,
23.0586

■ 30.3142, 31.9228,
34.7156

■ 17.3751, 8.7525,
22.0546

■ 33.1949, 37.3490,
36.7091

■ 17.0322, 8.3340,
21.1160

■ 36.4127, 43.4425,
38.8366

■ 17.0278, 8.3287,
21.1037

■ 39.9786, 50.2249,
41.1019

■ 43.9029, 57.7172,
43.5085

■ 48.1956, 65.9393,
46.0599

Harmonies

Analogous

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



19.2013, 16.4098, 38.3623



21.9219, 16.4098, 27.9986



22.8871, 16.4098, 17.3199

Triad

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



21.9219, 16.4098, 27.9986



15.4046, 16.4098, 5.1158



10.7735, 16.4098, 29.3114

Complementary

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



21.9219, 16.4098, 27.9986



18.2038, 26.0175, 16.6338

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.



10.0470, 16.4098, 18.4264



21.9219, 16.4098, 27.9986



12.4746, 16.4098, 6.3931

Square

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



21.9219, 16.4098, 27.9986



18.8195, 16.4098, 6.1183



10.6233, 16.4098, 10.5330



12.7652, 16.4098, 39.2904

Rectangle

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



21.9219, 16.4098, 27.9986



22.3098, 16.4098, 11.9168



10.6233, 16.4098, 10.5330



10.3871, 16.4098, 25.5282

Sweetspot

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



21.9224, 16.4105, 27.9989



48.7117, 46.7404, 58.0765



14.9614, 12.7305, 31.8059



10.6505, 10.1246, 12.7431



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.



21.9224, 16.4105, 27.9989



36.9927, 25.3435, 47.8773



19.9650, 15.6276, 17.6913



6.4177, 6.3062, 7.5798



14.0834, 6.8876, 17.4962



0.2208, 0.1071, 0.3154

Inverse Universe

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



21.9224, 16.4105, 27.9989



36.9927, 25.3435, 47.8773



19.9464, 26.7145, 25.8102



6.4177, 6.3062, 7.5798



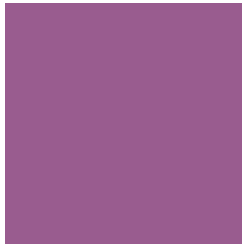
14.0834, 6.8876, 17.4962



0.2208, 0.1071, 0.3154

Previews

White Background



This preview shows how the XYZ color 21.9219, 16.4098, 27.9986 looks on a white background.

Color Contrast Check

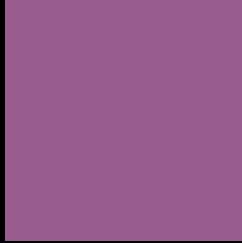
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9219, 16.4098, 27.9986 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 21.9219, 16.4098, 27.9986

Background



This preview shows how black text looks on a background with the XYZ color 21.9219, 16.4098, 27.9986.



This preview shows how white text looks on a background with the XYZ color 21.9219, 16.4098,

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

21.9219, 16.4098, 27.9986

Protanopia

17.1113, 16.7096, 34.6712

Deuteranopia

16.9736, 16.6418, 27.1285



Tritanopia

19.5101, 16.3748, 16.0423

Trichromacy



Original Color

21.9219, 16.4098, 27.9986

Protanomaly

18.4091, 16.3250, 32.3178

Deuteranomaly

18.3622, 16.2593, 27.3699

Tritanomaly

20.1507, 16.2058, 19.8353

Monochromacy



Original Color

21.9219, 16.4098, 27.9986

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.0769, 16.6889, 22.0072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9219, 16.4098, 27.9986 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(153, 92, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 92, 143) }
```

Border

The CSS property to change the border of an element to XYZ 21.9219, 16.4098, 27.9986 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, 143) }
```


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

```
.border{ border-color:rgb(153, 92, 143) }
```

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, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 92, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 92, 143);  
box-shadow:4px 4px 4px 4px rgb(153, 92,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9219, 16.4098, 27.9986 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, 143) }
```

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

```
.background{ background-color: rgb(153, 92,  
143) }
```

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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