

Converting Colors

XYZ(22.4620, 20.1595, 29.1408)

Have a look what the booklet for
XYZ(22.4620, 20.1595, 29.1408)
contains.

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Color

**XYZ(22.4925, 20.1147,
29.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7390
RGB	143, 115, 144
RGB Percent	56%, 45%, 56%
CMY	0.4392, 0.5490, 0.4353
CMYK	0.01, 0.20, 0.00, 0.44
HSL	298°, 12%, 51%
HSV	298°, 20%, 56%
XYZ	22.4925, 20.1147, 29.0826
YIQ	126.6780, 7.3790, 14.9550

Conversions

Conversions Part 2

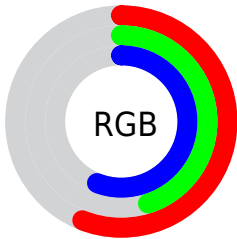
Format	Color
R_{YB}	143, 115, 144
Decimal	9401232
CIE _{Lab}	51.97, 16.31, -11.62
CIE _{LCh}	52, 20.024, 324.537
Yxy	20.1147, 0.3137, 0.2806
Android (android.graphics.Color)	4287591312 (0xFF8F7390)
YUV	126.6780, 8.5397, 14.3144
Hunter-Lab	44.8494, 11.0333, -7.0520

Details

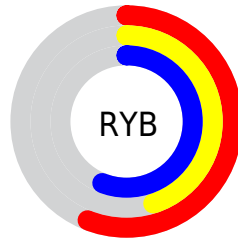
The XYZ color **22.4925, 20.1147, 29.0826** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.2709, 24.8978, 19.9580**, and the grayscale version is **20.0329, 21.0761, 22.9519**.

A 20% lighter version of the original color is **47.0377, 43.5850, 59.3597**, and **8.4412, 7.0978, 11.5148** is the 20% darker color. If you saturate the color by 10%, you get **20.8915, 17.0397, 28.5737**, and if you desaturate by 10%, it is **24.3516, 23.7047, 29.6779**.

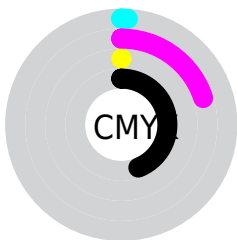
Distribution



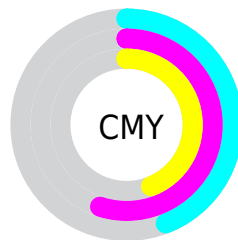
- Red (56%)
- Green (45%)
- Blue (56%)



- Red (56%)
- Yellow (45%)
- Blue (56%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4925, 20.1147, 29.0826 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 22.4925, 20.1147, 29.0826 by changing the saturation by 10% instead.

■ 22.4925, 20.1147,
29.0826

■ 22.4925, 20.1147,
29.0826

257.6918,
252.5354, 311.6776

■ 14.3379, 12.4784,
18.8972

■ 47.0315, 43.6094,
59.2520

■ 8.4393, 7.0704,
11.4200

■ 64.1465, 60.2366,
80.0732

■ 4.4315, 3.5062,
6.2323

■ 84.9791, 80.6297,
105.2766

■ 1.9490, 1.4014,
2.9158

■ 109.8945,
105.1729, 135.2809

■ 0.6051, 0.2177,
1.0518

139.2581,
134.2507, 170.5046

■ 0.0000, 0.0000,
0.0000

173.4353,

168.2474, 211.3663

212.7914,
207.5475, 258.2844

■ 22.4925, 20.1147,
29.0826

■ 22.4925, 20.1147,
29.0826

■ 20.8915, 17.0397,
28.5737

■ 24.3516, 23.7047,
29.6779

■ 19.5349, 14.4532,
28.1460

■ 26.4781, 27.8294,
30.3619

■ 18.4106, 12.3307,
27.7956

■ 28.8831, 32.5103,
31.1387

■ 17.5045, 10.6440,
27.5178

■ 31.5764, 37.7674,
32.0114

■ 16.8011, 9.3623,
27.3074

■ 34.5675, 43.6195,
32.9834

16.2830, 8.4505,
27.1588

37.8653, 50.0844,
34.0574

15.9296, 7.8677,
27.0649

41.4784, 57.1795,
35.2365

15.6879, 7.5059,
27.0078

45.4152, 64.9211,
36.5233

49.6835, 73.3254,
37.9205

Harmonies

Analogous

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



20.7931, 20.1147, 33.7850



22.4925, 20.1147, 29.0826



23.2925, 20.1147, 22.9879

Triad

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



22.4925, 20.1147, 29.0826



19.4941, 20.1147, 12.5184



15.7693, 20.1147, 26.9026

Complementary

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



22.4925, 20.1147, 29.0826



20.2709, 24.8978, 19.9580

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.



15.4754, 20.1147, 20.8498



22.4925, 20.1147, 29.0826



17.5362, 20.1147, 13.1933

Square

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



22.4925, 20.1147, 29.0826



21.4843, 20.1147, 13.9706



16.0999, 20.1147, 16.0120



16.9329, 20.1147, 32.3778

Rectangle

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



22.4925, 20.1147, 29.0826



23.1698, 20.1147, 19.2026



16.0999, 20.1147, 16.0120



15.5692, 20.1147, 24.8421

Sweetspot

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



22.4931, 20.1156, 29.0830



44.3978, 44.6138, 52.8093



18.4025, 18.2542, 28.9393



10.1336, 10.1383, 12.0950



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.4931, 20.1156, 29.0830



38.3875, 33.0073, 50.8858



21.7263, 19.8289, 24.1379



5.6081, 5.5017, 6.7951



13.6653, 6.5383, 23.5189



0.1344, 0.0644, 0.2250

Inverse Universe

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



20.7853, 19.4525, 19.1830



34.8401, 31.6313, 30.2613



20.9437, 25.1517, 24.1909



5.4159, 5.4269, 5.6884



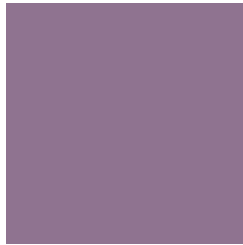
10.0413, 5.1736, 0.6031



0.0972, 0.0499, 0.0121

Previews

White Background



This preview shows how the XYZ color 22.4925, 20.1147, 29.0826 looks on a white 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

Black Background



This preview shows how the XYZ color 22.4925, 20.1147, 29.0826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

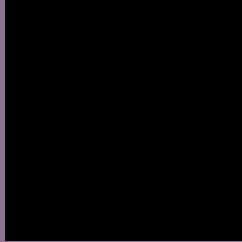
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4925, 20.1147, 29.0826

Background



This preview shows how black text looks on a background with the XYZ color 22.4925, 20.1147, 29.0826.



This preview shows how white text looks on a background with the XYZ color 22.4925, 20.1147,

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

22.4925, 20.1147, 29.0826

Protanopia

19.9790, 20.1874, 31.2773

Deuteranopia

20.5477, 20.1699, 28.7968



Tritanopia

21.2937, 20.1519, 22.8461

Trichromacy



Original Color

22.4925, 20.1147, 29.0826

Protanomaly

20.7353, 20.0516, 30.3812

Deuteranomaly

21.2276, 20.1634, 28.7597

Tritanomaly

21.7503, 20.1668, 24.9365

Monochromacy



Original Color

22.4925, 20.1147, 29.0826

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.9895, 20.8459, 25.1077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4925, 20.1147, 29.0826 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(143, 115, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 115, 144)  
}
```

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(143, 115, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 115, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.4925, 20.1147, 29.0826 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(143, 115, 144) }
```


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

```
.border{ border-color:rgb(143, 115, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 115, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 115, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 115, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 115,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4925, 20.1147, 29.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 115, 144) }
```

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

```
.background{ background-color: rgb(143,  
115, 144) }
```

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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