

Converting Colors

XYZ(24.2095, 21.4204, 27.9817)

Have a look what the booklet for
XYZ(24.2095, 21.4204, 27.9817)
contains.

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Color

**XYZ(24.1179, 21.3211,
28.0435)**

Conversions

Conversions Part 1

Format	Color
Hex	98758D
RGB	152, 117, 141
RGB Percent	60%, 46%, 55%
CMY	0.4039, 0.5412, 0.4471
CMYK	0.00, 0.23, 0.07, 0.40
HSL	319°, 15%, 53%
HSV	319°, 23%, 60%
XYZ	24.1179, 21.3211, 28.0435
YIQ	130.2010, 13.1560, 14.8840

Conversions

Conversions Part 2

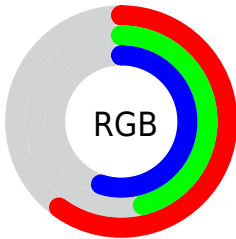
Format	Color
R _Y B	152, 117, 141
Decimal	9991565
CIE Lab	53.30, 17.84, -7.77
CIE LCh	53, 19.460, 336.475
Yxy	21.3211, 0.3282, 0.2902
Android (android.graphics.Color)	4288181645 (0xFF98758D)
YUV	130.2010, 5.3239, 19.1177
Hunter-Lab	46.1748, 12.4278, -3.6865

Details

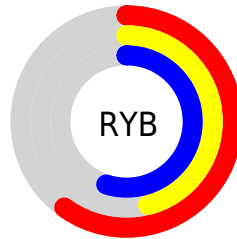
The XYZ color **24.1179, 21.3211, 28.0435** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.4615, 27.7975, 24.6050**, and the grayscale version is **21.2683, 22.3759, 24.3673**.

A 20% lighter version of the original color is **49.7704, 45.5815, 57.8047**, and **9.3223, 7.6563, 10.8840** is the 20% darker color. If you saturate the color by 10%, you get **22.1409, 17.9236, 25.6684**, and if you desaturate by 10%, it is **26.3990, 25.3018, 30.5961**.

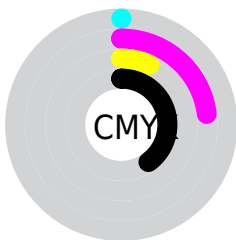
Distribution



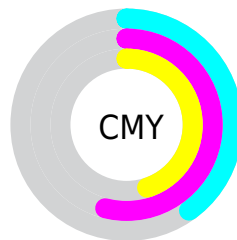
- Red (60%)
- Green (46%)
- Blue (55%)



- Red (60%)
- Yellow (46%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (40%)



- Cyan (40%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1179, 21.3211, 28.0435 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 24.1179, 21.3211, 28.0435 by changing the saturation by 10% instead.

■ 24.1179, 21.3211,
28.0435

■ 24.1179, 21.3211,
28.0435

265.8454,
258.9801, 306.5932

■ 15.5463, 13.3589,
18.1191

■ 49.6758, 45.6213,
57.5778

■ 9.2925, 7.6762,
10.8652

■ 67.3928, 62.7282,
78.0248

■ 4.9911, 3.8884,
5.8632

■ 88.8890, 83.6520,
102.8165

■ 2.2767, 1.6114,
2.6947

114.5298,
108.7772, 132.3713

■ 0.7827, 0.3652,
0.9407

144.6805,
138.4883, 167.1079

■ 0.0000, 0.0000,
0.0000

179.7064,

173.1695, 207.4447

219.9729,
213.2053, 253.8003

■ 24.1179, 21.3211,
28.0435

■ 24.1179, 21.3211,
28.0435

■ 22.1409, 17.9236,
25.6684

■ 26.3990, 25.3018,
30.5961

■ 20.4522, 15.0787,
23.4639

■ 28.9956, 29.8887,
33.3303

■ 19.0372, 12.7571,
21.4244

■ 31.9205, 35.1072,
36.2514

■ 17.8791, 10.9260,
19.5433

■ 35.1854, 40.9803,
39.3642

■ 16.9596, 9.5486,
17.8136

■ 38.8013, 47.5298,
42.6733

■ 16.2574, 8.5829,
16.2270

■ 42.7789, 54.7765,
46.1831

■ 15.7475, 7.9791,
14.7743

■ 47.1282, 62.7405,
49.8978

■ 15.4591, 7.6795,
13.8241

■ 51.8589, 71.4407,
53.8215

■ 56.9804, 80.8957,
57.9581

Harmonies

Analogous

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



22.7120, 21.3211, 33.5832



24.1179, 21.3211, 28.0435



24.4608, 21.3211, 21.9592

Triad

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



24.1179, 21.3211, 28.0435



19.8217, 21.3211, 13.6697



17.2441, 21.3211, 30.6323

Complementary

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



24.1179, 21.3211, 28.0435



22.4615, 27.7975, 24.6050

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.



16.5788, 21.3211, 24.5179



24.1179, 21.3211, 28.0435



18.0005, 21.3211, 15.2361

Square

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



24.1179, 21.3211, 28.0435



21.8875, 21.3211, 14.2903



16.8461, 21.3211, 18.9753



18.7249, 21.3211, 35.2461

Rectangle

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



24.1179, 21.3211, 28.0435



24.0213, 21.3211, 18.5164



16.8461, 21.3211, 18.9753



16.9224, 21.3211, 28.6481

Sweetspot

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



24.1185, 21.3220, 28.0440



49.2261, 49.2943, 56.8068



20.8568, 19.5412, 32.3786



11.1337, 11.1071, 12.8540



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.



24.1185, 21.3220, 28.0440



40.5797, 34.1999, 47.1472



22.9491, 20.8543, 21.8856



6.3785, 6.2906, 7.3735



12.9764, 6.4448, 11.6668



0.2102, 0.1028, 0.2598

Inverse Universe

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



24.1185, 21.3220, 28.0440



40.5797, 34.1999, 47.1472



23.6759, 28.2832, 31.0000



6.3785, 6.2906, 7.3735



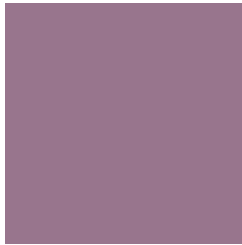
12.9764, 6.4448, 11.6668



0.2102, 0.1028, 0.2598

Previews

White Background



This preview shows how the XYZ color 24.1179, 21.3211, 28.0435 looks on a white background.

Color Contrast Check

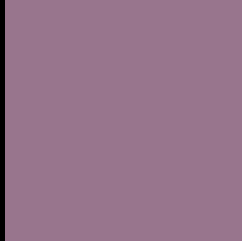
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1179, 21.3211, 28.0435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

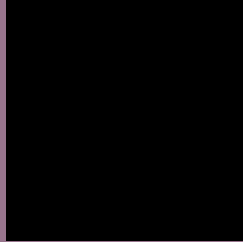
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1179, 21.3211, 28.0435

Background



This preview shows how black text looks on a background with the XYZ color 24.1179, 21.3211, 28.0435.



This preview shows how white text looks on a background with the XYZ color 24.1179, 21.3211,

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

24.1179, 21.3211, 28.0435

Protanopia

21.1680, 21.5704, 30.6516

Deuteranopia

21.7728, 21.3771, 27.7896



Tritanopia

23.0708, 21.2362, 23.3051

Trichromacy



Original Color

24.1179, 21.3211, 28.0435

Protanomaly

22.0253, 21.2786, 29.7344

Deuteranomaly

22.5555, 21.2309, 27.7201

Tritanomaly

23.4746, 21.2296, 25.0508

Monochromacy



Original Color

24.1179, 21.3211, 28.0435

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1179, 21.7917, 25.5947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1179, 21.3211, 28.0435 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(152, 117, 141)` looks like.

```
.text, #text, p{  
    color:rgb(152, 117, 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(152, 117, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 117, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.1179, 21.3211, 28.0435 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(152, 117, 141) }
```


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

```
.border{ border-color:rgb(152, 117, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 117, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 117, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 117, 141);  
box-shadow:4px 4px 4px 4px rgb(152, 117,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1179, 21.3211, 28.0435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 117, 141) }
```

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

```
.background{ background-color: rgb(152,  
117, 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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