

Converting Colors

XYZ(24.9779, 18.2636, 28.1724)

Have a look what the booklet for
XYZ(24.9779, 18.2636, 28.1724)
contains.

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Color

**XYZ(24.8970, 18.2041,
28.1881)**

Conversions

Conversions Part 1

Format	Color
Hex	A75E8F
RGB	167, 94, 143
RGB Percent	65%, 37%, 56%
CMY	0.3451, 0.6314, 0.4392
CMYK	0.00, 0.44, 0.14, 0.35
HSL	320°, 29%, 51%
HSV	320°, 44%, 65%
XYZ	24.8970, 18.2041, 28.1881
YIQ	121.4130, 27.7790, 30.7150

Conversions

Conversions Part 2

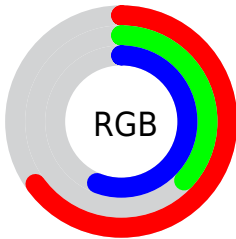
Format	Color
R_{YB}	167, 94, 143
Decimal	10968719
CIE _{Lab}	49.74, 36.54, -14.12
CIE _{LCh}	50, 39.177, 338.878
Yxy	18.2041, 0.3492, 0.2554
Android (android.graphics.Color)	4289158799 (0xFFA75E8F)
YUV	121.4130, 10.6424, 39.9798
Hunter-Lab	42.6663, 29.4940, -9.3044

Details

The XYZ color **24.8970, 18.2041, 28.1881** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.7057, 31.3257, 22.0434**, and the grayscale version is **18.2685, 19.2199, 20.9304**.

A 20% lighter version of the original color is **50.7884, 40.2770, 57.9207**, and **9.6865, 6.1024, 11.0233** is the 20% darker color. If you saturate the color by 10%, you get **23.1637, 15.3868, 25.6082**, and if you desaturate by 10%, it is **26.9730, 21.6738, 30.9831**.

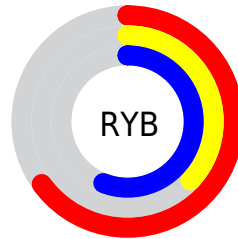
Distribution



Red (65%)

Green (37%)

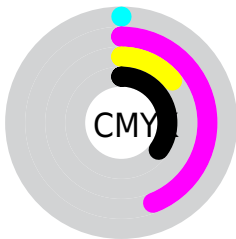
Blue (56%)



Red (65%)

Yellow (37%)

Blue (56%)

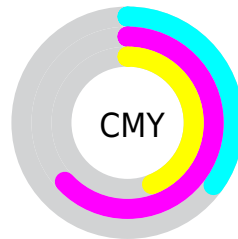


Cyan (0%)

Magenta (44%)

Yellow (14%)

Black (35%)



Cyan (35%)


Magenta (63%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8970, 18.2041, 28.1881 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 24.8970, 18.2041, 28.1881 by changing the saturation by 10% instead.


 24.8970, 18.2041,
28.1881

 24.8970, 18.2041,
28.1881


269.6817,
242.0189, 307.3048


 16.1287, 11.0966,
18.2272


 50.9342, 40.3848,
57.8113


 9.7067, 6.1319,
10.9421


 68.9337, 56.2268,
78.3108

 5.2657, 2.9254,
5.9142

 90.7410, 75.7491,
103.1601

 2.4403, 1.0929,
2.7251

 116.7215, 99.3361,
132.7779

 0.8653, 0.0000,
0.9560

147.2404,
127.3722, 167.5828

 0.0000, 0.0000,
0.0000

182.6632,

160.2418, 207.9932

223.3552,
198.3292, 254.4277

■ 24.8970, 18.2041,
28.1881

■ 24.8970, 18.2041,
28.1881

■ 23.1637, 15.3868,
25.6082

■ 26.9730, 21.6738,
30.9831

■ 21.7504, 13.1774,
23.2337

■ 29.4095, 25.8315,
33.9999

■ 20.6337, 11.5298,
21.0558

■ 32.2247, 30.7135,
37.2463


■ 19.7866, 10.3902,
19.0639


■ 35.4355, 36.3524,
40.7290


■ 19.1766, 9.6941,
17.2455


■ 39.0573, 42.7791,
44.4546

 18.8663, 9.3875,
16.1740

 43.1049, 50.0228,
48.4293

 47.5924, 58.1110,
52.6590

 52.5331, 67.0700,
57.1495

 57.9398, 76.9250,
61.9062

Harmonies

Analogous

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



22.2089, 18.2041, 40.5120



24.8970, 18.2041, 28.1881



25.4054, 18.2041, 16.8155

Triad

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



24.8970, 18.2041, 28.1881



16.2184, 18.2041, 5.6600



12.2955, 18.2041, 35.7220

Complementary

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



24.8970, 18.2041, 28.1881



21.7057, 31.3257, 22.0434

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.



11.1365, 18.2041, 23.1652



24.8970, 18.2041, 28.1881



13.1777, 18.2041, 7.7404

Square

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



24.8970, 18.2041, 28.1881



20.0195, 18.2041, 6.1664



11.4345, 18.2041, 13.2991



14.8431, 18.2041, 45.8380

Rectangle

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



24.8970, 18.2041, 28.1881



24.3778, 18.2041, 11.4601



11.4345, 18.2041, 13.2991



11.7486, 18.2041, 31.4958

Sweetspot

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



24.8976, 18.2050, 28.1885



57.9687, 55.4538, 66.9916



18.3305, 14.5865, 38.4089



12.7160, 11.9623, 14.7040



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.8976, 18.2050, 28.1885



41.7023, 27.9049, 46.2042



22.6139, 17.2915, 16.1626



7.7354, 7.6240, 8.9240



14.4598, 7.1927, 12.4990



0.3739, 0.1838, 0.4204

Inverse Universe

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



24.8976, 18.2050, 28.1885



41.7023, 27.9049, 46.2042



24.2364, 32.3380, 35.3698



7.7354, 7.6240, 8.9240



14.4598, 7.1927, 12.4990



0.3739, 0.1838, 0.4204

Previews

White Background



This preview shows how the XYZ color 24.8970, 18.2041, 28.1881 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 24.8970, 18.2041, 28.1881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

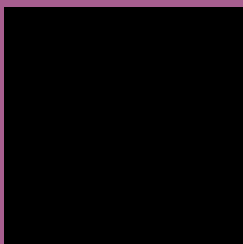
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8970, 18.2041, 28.1881

Background



This preview shows how black text looks on a background with the XYZ color 24.8970, 18.2041, 28.1881.



This preview shows how white text looks on a background with the XYZ color 24.8970, 18.2041,

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

24.8970, 18.2041, 28.1881

Protanopia

18.7699, 18.3864, 35.8174

Deuteranopia

18.6513, 18.3479, 26.9846



Tritanopia

22.5183, 18.1980, 16.7937

Trichromacy



Original Color

24.8970, 18.2041, 28.1881

Protanomaly

20.3546, 17.9375, 32.9613

Deuteranomaly

20.4127, 17.9369, 27.1973

Tritanomaly

23.1287, 18.0084, 20.3461

Monochromacy



Original Color

24.8970, 18.2041, 28.1881

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.1281, 18.3571, 23.2513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8970, 18.2041, 28.1881 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(167, 94, 143)` looks like.

```
.text, #text, p{  
    color:rgb(167, 94, 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(167, 94, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 94, 143) }
```

Border

The CSS property to change the border of an element to XYZ 24.8970, 18.2041, 28.1881 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(167, 94, 143) }
```


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

```
.border{ border-color:rgb(167, 94, 143) }
```

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

Here you see how a box with a 4 pixel rgb(167, 94, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 94, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 94, 143);  
box-shadow:4px 4px 4px 4px rgb(167, 94,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8970, 18.2041, 28.1881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 94, 143) }
```

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

```
.background{ background-color: rgb(167, 94,  
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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