

Converting Colors

XYZ(24.3699, 19.5357, 41.2228)

Have a look what the booklet for
XYZ(24.3699, 19.5357, 41.2228)
contains.

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Color

**XYZ(24.2854, 19.4754,
41.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	916BAB
RGB	145, 107, 171
RGB Percent	57%, 42%, 67%
CMY	0.4314, 0.5804, 0.3294
CMYK	0.15, 0.37, 0.00, 0.33
HSL	276°, 28%, 55%
HSV	276°, 37%, 67%
XYZ	24.2854, 19.4754, 41.0072
YIQ	125.6580, 2.1040, 27.9600

Conversions

Conversions Part 2

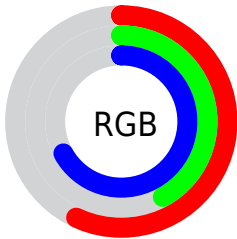
Format	Color
R_{YB}	145, 107, 171
Decimal	9530283
CIE _{Lab}	51.24, 27.45, -28.50
CIE _{LCh}	51, 39.575, 313.927
Yxy	19.4754, 0.2865, 0.2297
Android (android.graphics.Color)	4287720363 (0xFF916BAB)
YUV	125.6580, 22.3536, 16.9629
Hunter-Lab	44.1309, 21.0000, -24.2016

Details

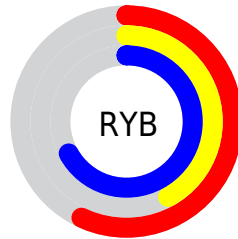
The XYZ color **24.2854, 19.4754, 41.0072** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.8902, 35.1744, 19.2828**, and the grayscale version is **19.6419, 20.6648, 22.5040**.

A 20% lighter version of the original color is **50.0827, 42.6217, 78.2602**, and **9.3482, 6.7631, 17.9522** is the 20% darker color. If you saturate the color by 10%, you get **21.4890, 15.6442, 40.4154**, and if you desaturate by 10%, it is **27.5106, 24.0519, 41.7209**.

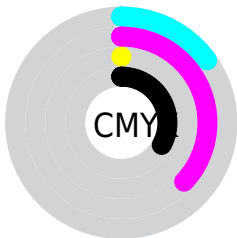
Distribution



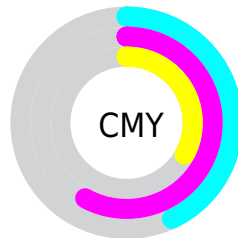
- Red (57%)
- Green (42%)
- Blue (67%)



- Red (57%)
- Yellow (42%)
- Blue (67%)



- Cyan (15%)
- Magenta (37%)
- Yellow (0%)
- Black (33%)



- Cyan (43%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2854, 19.4754, 41.0072 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 24.2854, 19.4754, 41.0072 by changing the saturation by 10% instead.

■ 24.2854, 19.4754,
41.0072

■ 24.2854, 19.4754,
41.0072

266.6740,
249.0608, 366.0282

■ 15.6713, 12.0143,
28.0050

■ 49.9468, 42.5359,
77.9486

■ 9.3813, 6.7534,
18.0903

■ 67.7249, 58.9040,
102.7249

■ 5.0498, 3.3084,
10.8447

■ 89.2884, 79.0100,
132.2629

■ 2.3116, 1.2948,
5.8497

■ 115.0026,
103.2382, 166.9812

■ 0.8006, 0.1371,
2.6866

145.2329,
131.9730, 207.2984

■ 0.0000, 0.0000,
0.9367

180.3447,

■ 0.0000, 0.0000,

165.5987, 253.6329

0.0000

220.7032,
204.4999, 306.4033

■ 24.2854, 19.4754,
41.0072

■ 24.2854, 19.4754,
41.0072

■ 21.4890, 15.6442,
40.4154

■ 27.5106, 24.0519,
41.7209

■ 19.0971, 12.5134,
39.9372

■ 31.1829, 29.4103,
42.5616

■ 17.0860, 10.0370,
39.5652

■ 35.3222, 35.5876,
43.5358

■ 15.4282, 8.1621,
39.2907

■ 39.9463, 42.6177,
44.6490

■ 14.0919, 6.8274,
39.1035

■ 45.0721, 50.5327,
45.9066

■ 13.0288, 5.9384,
38.9879

■ 50.7156, 59.3628,
47.3135

■ 12.7772, 5.7378,
38.9624

■ 56.8921, 69.1368,
48.8746

■ 63.6162, 79.8825,
50.5943

■ 68.9895, 87.8013,
51.8396

Harmonies

Analogous

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



20.3965, 19.4754, 50.0393



24.2854, 19.4754, 41.0072



26.7951, 19.4754, 27.8042

Triad

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



24.2854, 19.4754, 41.0072



20.6906, 19.4754, 6.4343



12.0832, 19.4754, 26.8735

Complementary

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



24.2854, 19.4754, 41.0072



26.8902, 35.1744, 19.2828

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.



12.1386, 19.4754, 15.7431



24.2854, 19.4754, 41.0072



16.7450, 19.4754, 6.3397

Square

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



24.2854, 19.4754, 41.0072



24.5269, 19.4754, 9.4259



13.7328, 19.4754, 9.0948



13.5689, 19.4754, 40.1208

Rectangle

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



24.2854, 19.4754, 41.0072



27.1533, 19.4754, 19.7527



13.7328, 19.4754, 9.0948



11.9295, 19.4754, 22.7277

Sweetspot

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



24.2861, 19.4762, 41.0076



60.3654, 59.3890, 77.2835



21.8939, 23.0250, 41.8187



13.2440, 12.9186, 17.1832



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.2861, 19.4762, 41.0076



39.2512, 29.0484, 72.5400



28.9052, 21.9150, 38.6232



8.0176, 7.9834, 10.0711



9.6928, 4.3567, 29.3746



0.3295, 0.1521, 0.8200

Inverse Universe

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



26.2865, 20.8675, 24.8335



43.6128, 32.0584, 38.3401



23.5702, 33.4294, 20.6378



8.1350, 8.0673, 9.0220



13.5062, 6.8650, 5.0452



0.4033, 0.2020, 0.2855

Previews

White Background



This preview shows how the XYZ color 24.2854, 19.4754, 41.0072 looks on a white background.

Color Contrast Check

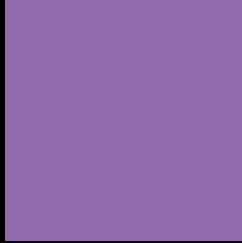
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2854, 19.4754, 41.0072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

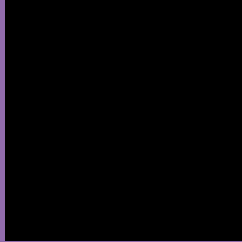
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2854, 19.4754, 41.0072

Background



This preview shows how black text looks on a background with the XYZ color 24.2854, 19.4754, 41.0072.



This preview shows how white text looks on a background with the XYZ color 24.2854, 19.4754,

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

24.2854, 19.4754, 41.0072

Protanopia

20.5268, 19.5770, 46.9528

Deuteranopia

20.0896, 19.6900, 39.7875



Tritanopia

20.4925, 19.4004, 22.4032

Trichromacy



Original Color

24.2854, 19.4754, 41.0072

Protanomaly

21.5027, 19.2577, 44.7033

Deuteranomaly

21.2920, 19.4203, 40.1624

Tritanomaly

21.7721, 19.4260, 28.1933

Monochromacy



Original Color

24.2854, 19.4754, 41.0072

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.1522, 20.1332, 28.3624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2854, 19.4754, 41.0072 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(145, 107, 171)` looks like.

```
.text, #text, p{  
    color:rgb(145, 107, 171)  
}
```

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(145, 107, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 107, 171) }
```

Border

The CSS property to change the border of an element to XYZ 24.2854, 19.4754, 41.0072 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(145, 107, 171) }
```


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

```
.border{ border-color:rgb(145, 107, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 107, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 107, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 107, 171);  
box-shadow:4px 4px 4px 4px rgb(145, 107,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2854, 19.4754, 41.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 107, 171) }
```

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

```
.background{ background-color: rgb(145,  
107, 171) }
```

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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