

Converting Colors

XYZ(29.0959, 24.3151, 42.9724)

Have a look what the booklet for
XYZ(29.0959, 24.3151, 42.9724)
contains.

XYZ(29.1753, 24.3078, 43.1986)	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(29.1753, 24.3078,
43.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	A179AE
RGB	161, 121, 174
RGB Percent	63%, 47%, 68%
CMY	0.3686, 0.5255, 0.3176
CMYK	0.07, 0.30, 0.00, 0.32
HSL	285°, 25%, 58%
HSV	285°, 30%, 68%
XYZ	29.1753, 24.3078, 43.1986
YIQ	139.0020, 6.8270, 24.9630

Conversions

Conversions Part 2

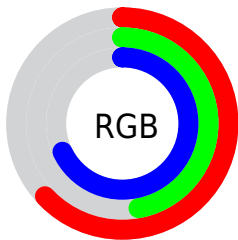
Format	Color
R _{YB}	161, 121, 174
Decimal	10582446
CIE _{Lab}	56.39, 25.24, -22.14
CIE _{LCh}	56, 33.574, 318.739
Y _{xy}	24.3078, 0.3018, 0.2514
Android (android.graphics.Color)	4288772526 (0xFFA179AE)
YUV	139.0020, 17.2540, 19.2922
Hunter-Lab	49.3029, 19.3483, -17.4371

Details

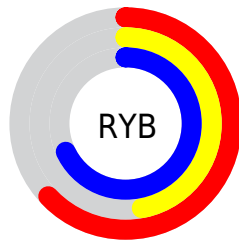
The XYZ color **29.1753, 24.3078, 43.1986** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.4196, 36.7215, 23.6804**, and the grayscale version is **24.4759, 25.7505, 28.0423**.

A 20% lighter version of the original color is **57.7379, 50.5842, 81.5835**, and **12.0752, 9.2664, 19.2413** is the 20% darker color. If you saturate the color by 10%, you get **26.4032, 20.0183, 42.5171**, and if you desaturate by 10%, it is **32.3597, 29.3773, 44.0096**.

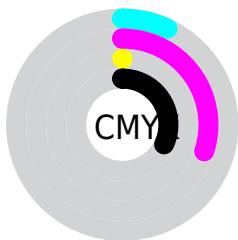
Distribution



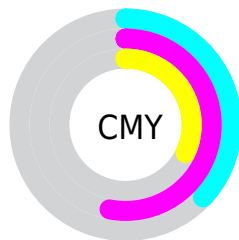
- Red (63%)
- Green (47%)
- Blue (68%)



- Red (63%)
- Yellow (47%)
- Blue (68%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)
- Black (32%)



- Cyan (37%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1753, 24.3078, 43.1986 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 29.1753, 24.3078, 43.1986 by changing the saturation by 10% instead.

■ 29.1753, 24.3078,
43.1986

■ 29.1753, 24.3078,
43.1986

290.0205,
274.3729, 375.3731

■ 19.3584, 15.5621,
29.7084

■ 57.7511, 50.5320,
81.3000

■ 12.0351, 9.2148,
19.3672

■ 77.2408, 68.7793,
106.7484

■ 6.8399, 4.8816,
11.7564

■ 100.6854, 90.9626,
137.0198

■ 3.4076, 2.1779,
6.4575

128.4503,
117.4663, 172.5330

■ 1.3728, 0.7079,
3.0520

160.9010,
148.6748, 213.7063

■ 0.2367, 0.0000,
1.1212

198.4026,

■ 0.0000, 0.0000,

184.9725, 260.9584

0.0000

241.3207,
226.7437, 314.7078

■ 29.1753, 24.3078,
43.1986

■ 29.1753, 24.3078,
43.1986

■ 26.4032, 20.0183,
42.5171

■ 32.3597, 29.3773,
44.0096

■ 24.0203, 16.4645,
41.9568

■ 35.9733, 35.2617,
44.9550

■ 22.0046, 13.6024,
41.5106

■ 40.0349, 41.9977,
46.0411

■ 20.3309, 11.3820,
41.1702

■ 44.5615, 49.6187,
47.2735

■ 18.9705, 9.7464,
40.9262

■ 49.5690, 58.1564,
48.6575

■ 17.8895, 8.6283,
40.7674

■ 55.0726, 67.6407,
50.1981

■ 17.0500, 7.9070,
40.6724

■ 61.0870, 78.1004,
51.9001

■ 65.9432, 86.1975,
53.2070

■ 67.0630, 86.7747,
53.2594

Harmonies

Analogous

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



25.5833, 24.3078, 52.2819



29.1753, 24.3078, 43.1986



31.2166, 24.3078, 30.8607

Triad

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



29.1753, 24.3078, 43.1986



24.5910, 24.3078, 10.5605



16.7368, 24.3078, 33.9382

Complementary

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



29.1753, 24.3078, 43.1986



28.4196, 36.7215, 23.6804

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.



16.5346, 24.3078, 22.5115



29.1753, 24.3078, 43.1986



20.7900, 24.3078, 10.9561

Square

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



29.1753, 24.3078, 43.1986



28.3792, 24.3078, 13.4398



17.9392, 24.3078, 14.7327



18.5264, 24.3078, 45.9868

Rectangle

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



29.1753, 24.3078, 43.1986



31.2864, 24.3078, 23.3530



17.9392, 24.3078, 14.7327



16.4890, 24.3078, 29.8463

Sweetspot

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



29.1761, 24.3088, 43.1991



66.1618, 65.4590, 81.7846



24.0858, 24.2414, 43.4544



14.4822, 14.1820, 18.1184



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.1761, 24.3088, 43.1991



49.2292, 38.3542, 77.4453



30.7047, 25.2388, 36.8567



8.1423, 8.0477, 10.0769



12.4220, 5.7636, 29.5023



0.3911, 0.1838, 0.8229

Inverse Universe

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



28.5968, 24.3957, 25.7569



48.1446, 38.6262, 39.8393



27.3426, 36.0659, 28.1671



8.0828, 8.0464, 8.7469



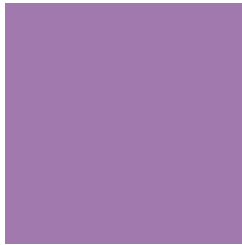
12.9931, 6.6598, 2.3429



0.3830, 0.1939, 0.1789

Previews

White Background



This preview shows how the XYZ color 29.1753, 24.3078, 43.1986 looks on a white background.

Color Contrast Check

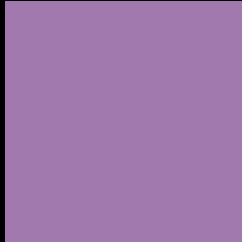
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1753, 24.3078, 43.1986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

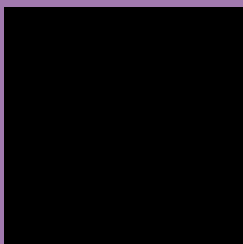
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1753, 24.3078, 43.1986

Background



This preview shows how black text looks on a background with the XYZ color 29.1753, 24.3078, 43.1986.



This preview shows how white text looks on a background with the XYZ color 29.1753, 24.3078,

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

29.1753, 24.3078, 43.1986

Protanopia

24.9575, 24.5340, 48.2199

Deuteranopia

25.0398, 24.4994, 42.4388



Tritanopia

26.0169, 24.3412, 27.3718

Trichromacy



Original Color

29.1753, 24.3078, 43.1986

Protanomaly

26.2418, 24.2300, 46.4738

Deuteranomaly

26.3776, 24.3804, 42.8508

Tritanomaly

27.0201, 24.1707, 32.5195

Monochromacy



Original Color

29.1753, 24.3078, 43.1986

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.9514, 24.9726, 33.1582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1753, 24.3078, 43.1986 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(161, 121, 174)` looks like.

```
.text, #text, p{  
    color:rgb(161, 121, 174)  
}
```

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(161, 121, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 121, 174) }
```

Border

The CSS property to change the border of an element to XYZ 29.1753, 24.3078, 43.1986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

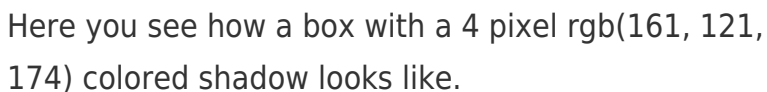
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 121, 174) }
```


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

```
.border{ border-color:rgb(161, 121, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 121, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 121, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 121, 174);  
box-shadow:4px 4px 4px 4px rgb(161, 121,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1753, 24.3078, 43.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 121, 174) }
```

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

```
.background{ background-color: rgb(161,  
121, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor