

Converting Colors

XYZ(28.2866, 24.4123, 36.9905)

Have a look what the booklet for
XYZ(28.2866, 24.4123, 36.9905)
contains.

XYZ(28.2139, 24.3162, 36.9247)	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(28.2139, 24.3162,
36.9247)**

Conversions

Conversions Part 1

Format	Color
Hex	A17BA1
RGB	161, 123, 161
RGB Percent	63%, 48%, 63%
CMY	0.3686, 0.5176, 0.3686
CMYK	0.00, 0.24, 0.00, 0.37
HSL	300°, 17%, 56%
HSV	300°, 24%, 63%
XYZ	28.2139, 24.3162, 36.9247
YIQ	138.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

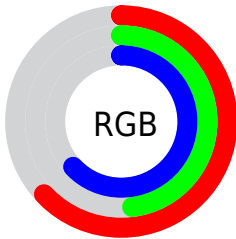
Format	Color
RYB	161, 123, 161
Decimal	10582945
CIELab	56.40, 21.46, -14.64
CIELCh	56, 25.973, 325.697
Yxy	24.3162, 0.3154, 0.2718
Android (android.graphics.Color)	4288773025 (0xFFA17BA1)
YUV	138.6940, 10.9969, 19.5624
Hunter-Lab	49.3115, 15.8350, -9.8787

Details

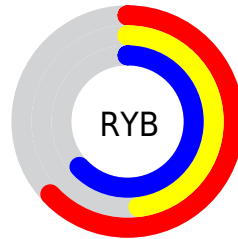
The XYZ color **28.2139, 24.3162, 36.9247** is a light color, and the websafe version is hex **996699**. A complement of this color would be **24.4893, 31.1314, 23.4584**, and the grayscale version is **24.3799, 25.6496, 27.9324**.

A 20% lighter version of the original color is **56.2389, 50.6075, 71.7699**, and **11.5158, 9.2529, 15.6470** is the 20% darker color. If you saturate the color by 10%, you get **26.3789, 20.6457, 36.3133**, and if you desaturate by 10%, it is **30.3789, 28.6457, 37.6466**.

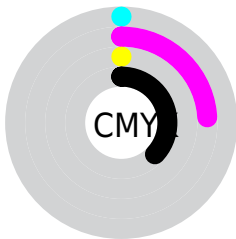
Distribution



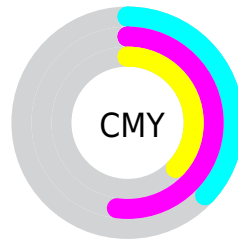
- Red (63%)
- Green (48%)
- Blue (63%)



- Red (63%)
- Yellow (48%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (37%)



- Cyan (37%)
- Magenta (52%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2139, 24.3162, 36.9247 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 28.2139, 24.3162, 36.9247 by changing the saturation by 10% instead.

■ 28.2139, 24.3162,
36.9247

■ 28.2139, 24.3162,
36.9247

285.5492,
274.4152, 348.1433

■ 18.6282, 15.5683,
24.8539

■ 56.2320, 50.5457,
71.6420

■ 11.5044, 9.2192,
15.7502

■ 75.3952, 68.7961,
95.1255

■ 6.4769, 4.8845,
9.1951

■ 98.4816, 90.9829,
123.2504

■ 3.1806, 2.1796,
4.7701

125.8565,
117.4904, 156.4351

■ 1.2500, 0.7089,
2.0567

157.8854,
148.7029, 195.0982

■ 0.1453, 0.0000,
0.5898

194.9336,

■ 0.0000, 0.0000,

185.0050, 239.6582

0.0000

237.3664,
226.7810, 290.5337

■ 28.2139, 24.3162,
36.9247

■ 28.2139, 24.3162,
36.9247

■ 26.3789, 20.6457,
36.3133

■ 30.3789, 28.6457,
37.6466

■ 24.8555, 17.5990,
35.8055

■ 32.8865, 33.6610,
38.4825

■ 23.6272, 15.1424,
35.3960

■ 35.7516, 39.3912,
39.4376

■ 22.6749, 13.2377,
35.0786

■ 38.9874, 45.8628,
40.5162

■ 21.9771, 11.8423,
34.8460

■ 42.6064, 53.1008,
41.7225

■ 21.5096, 10.9072,
34.6901

■ 46.6207, 61.1294,
43.0606

■ 21.2430, 10.3741,
34.6013

■ 51.0417, 69.9712,
44.5343

■ 21.1312, 10.1504,
34.5640

■ 55.8803, 79.6485,
46.1472

■ 56.8912, 81.6704,
46.4842

Harmonies

Analogous

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



25.7054, 24.3162, 44.3346



28.2139, 24.3162, 36.9247



29.3568, 24.3162, 27.7356

Triad

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



28.2139, 24.3162, 36.9247



23.5475, 24.3162, 13.1792



18.2922, 24.3162, 34.3082

Complementary

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



28.2139, 24.3162, 36.9247



24.4893, 31.1314, 23.4584

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.



17.8219, 24.3162, 25.2555



28.2139, 24.3162, 36.9247



20.6989, 24.3162, 14.2019

Square

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



28.2139, 24.3162, 36.9247



26.5188, 24.3162, 15.0363



18.6652, 24.3162, 18.2119



20.0099, 24.3162, 42.6090

Rectangle

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



28.2139, 24.3162, 36.9247



29.1241, 24.3162, 22.2520



18.6652, 24.3162, 18.2119



17.9897, 24.3162, 31.2039

Sweetspot

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



28.2146, 24.3173, 36.9252



57.2388, 56.9683, 68.3657



21.6855, 20.9513, 36.6197



12.4996, 12.3865, 14.9757



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.2146, 24.3173, 36.9252



48.8384, 40.1676, 65.5655



26.6642, 23.6971, 28.7607



7.3644, 7.2022, 8.9051



16.8767, 8.1067, 27.6049



0.3546, 0.1703, 0.5800

Inverse Universe

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



28.2146, 24.3173, 36.9252



48.8384, 40.1676, 65.5655



25.7966, 31.6543, 30.3424



7.3644, 7.2022, 8.9051



16.8767, 8.1067, 27.6049



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 28.2139, 24.3162, 36.9247 looks on a white background.

Color Contrast Check

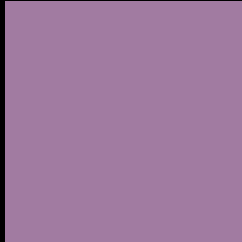
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2139, 24.3162, 36.9247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

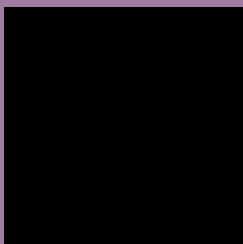
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2139, 24.3162, 36.9247

Background



This preview shows how black text looks on a background with the XYZ color 28.2139, 24.3162, 36.9247.



This preview shows how white text looks on a background with the XYZ color 28.2139, 24.3162,

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

28.2139, 24.3162, 36.9247

Protanopia

24.4389, 24.4268, 40.9629

Deuteranopia

24.8258, 24.3241, 36.1874



Tritanopia

26.2053, 24.2540, 26.9672

Trichromacy



Original Color

28.2139, 24.3162, 36.9247

Protanomaly

25.5130, 24.2074, 39.4042

Deuteranomaly

26.0495, 24.3496, 36.5847

Tritanomaly

26.9472, 24.3680, 30.4773

Monochromacy



Original Color

28.2139, 24.3162, 36.9247

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.6866, 25.0847, 31.0918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2139, 24.3162, 36.9247 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, 123, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 123, 161)  
}
```

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, 123, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 123, 161) }
```

Border

The CSS property to change the border of an element to XYZ 28.2139, 24.3162, 36.9247 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, 123, 161) }
```


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

```
.border{ border-color:rgb(161, 123, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 123, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 123, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 123, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 123,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2139, 24.3162, 36.9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 123, 161) }
```

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

```
.background{ background-color: rgb(161,  
123, 161) }
```

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