

Converting Colors

XYZ(28.3127, 24.6021, 34.7089)

Have a look what the booklet for
XYZ(28.3127, 24.6021, 34.7089)
contains.

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Color

**XYZ(28.3127, 24.6021,
34.7089)**

Conversions

Conversions Part 1

Format	Color
Hex	A37C9C
RGB	163, 124, 156
RGB Percent	64%, 49%, 61%
CMY	0.3608, 0.5137, 0.3882
CMYK	0.00, 0.24, 0.04, 0.36
HSL	311°, 17%, 56%
HSV	311°, 24%, 64%
XYZ	28.3127, 24.6021, 34.7089
YIQ	139.3090, 12.9720, 18.2200

Conversions

Conversions Part 2

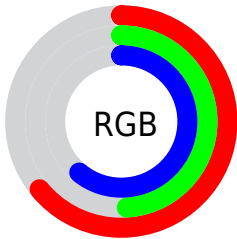
Format	Color
R_{YB}	163, 124, 156
Decimal	10714268
CIE _{Lab}	56.69, 20.63, -11.30
CIE _{LCh}	57, 23.520, 331.278
Yxy	24.6021, 0.3231, 0.2808
Android (android.graphics.Color)	4288904348 (0xFFA37C9C)
YUV	139.3090, 8.2287, 20.7770
Hunter-Lab	49.6005, 15.0896, -6.7690

Details

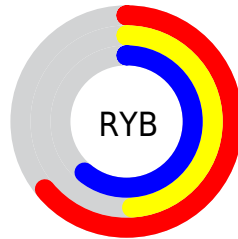
The XYZ color **28.3127, 24.6021, 34.7089** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.5071, 32.1190, 26.3294**, and the grayscale version is **24.6260, 25.9085, 28.2144**.

A 20% lighter version of the original color is **56.3935, 51.0529, 68.5099**, and **11.6214, 9.4316, 14.5726** is the 20% darker color. If you saturate the color by 10%, you get **26.1918, 20.7517, 32.7943**, and if you desaturate by 10%, it is **30.7787, 29.1324, 36.7685**.

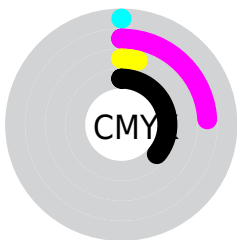
Distribution



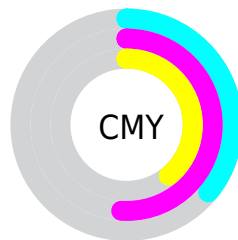
- Red (64%)
- Green (49%)
- Blue (61%)



- Red (64%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (36%)




- Cyan (36%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3127, 24.6021, 34.7089 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 28.3127, 24.6021, 34.7089 by changing the saturation by 10% instead.


 28.3127, 24.6021,
34.7089


 28.3127, 24.6021,
34.7089


286.0112,
275.8505, 338.1467


 18.7032, 15.7809,
23.1570


 56.3885, 51.0110,
68.1810

 11.5587, 9.3692,
14.5031


 75.5854, 69.3674,
90.9383

 6.5140, 4.9828,
8.3286


 98.7088, 91.6710,
118.2677

 3.2037, 2.2372,
4.2152

126.1241,
118.3062, 150.5879

 1.2624, 0.7401,
1.7441

158.1967,
149.6573, 188.3173

 0.1548, 0.0000,
0.3907

195.2918,

 0.0000, 0.0000,

186.1088, 231.8746

0.0000

237.7748,
228.0451, 281.6782

■ 28.3127, 24.6021,
34.7089

■ 28.3127, 24.6021,
34.7089

■ 26.1918, 20.7517,
32.7943

■ 30.7787, 29.1324,
36.7685

■ 24.3972, 17.5448,
31.0175

■ 33.6031, 34.3702,
38.9769

■ 22.9116, 14.9464,
29.3728

■ 36.8011, 40.3456,
41.3398

■ 21.7151, 12.9171,
27.8532

■ 40.3865, 47.0859,
43.8618

■ 20.7858, 11.4126,
26.4513

■ 44.3722, 54.6172,
46.5475

■ 20.0981, 10.3823,
25.1584

■ 48.7707, 62.9641,
49.4013

■ 19.6218, 9.7655,
23.9642

■ 53.5939, 72.1504,
52.4272

■ 19.3895, 9.5007,
23.2713

■ 58.8531, 82.1986,
55.6293

■ 59.3428, 82.6980,
57.2726

Harmonies

Analogous

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



26.2258, 24.6021, 41.8561



28.3127, 24.6021, 34.7089



29.0537, 24.6021, 26.4525

Triad

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



28.3127, 24.6021, 34.7089



23.2663, 24.6021, 14.3611



19.1652, 24.6021, 35.4061

Complementary

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



28.3127, 24.6021, 34.7089



25.5071, 32.1190, 26.3294

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.



18.5038, 24.6021, 27.1253



28.3127, 24.6021, 34.7089



20.7545, 24.6021, 15.8542

Square

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



28.3127, 24.6021, 34.7089



26.0068, 24.6021, 15.6183



19.0625, 24.6021, 20.1735



20.9430, 24.6021, 42.3107

Rectangle

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



28.3127, 24.6021, 34.7089



28.6422, 24.6021, 21.6785



19.0625, 24.6021, 20.1735



18.8115, 24.6021, 32.6421

Sweetspot

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



28.3134, 24.6032, 34.7094



58.4867, 58.4054, 68.5062



23.1024, 21.8463, 37.6501



13.0719, 12.9988, 15.3366



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.3134, 24.6032, 34.7094



48.4996, 40.0443, 60.2046



26.8282, 24.0091, 26.8882



7.3095, 7.1803, 8.6163



15.0841, 7.3897, 18.1654



0.3304, 0.1606, 0.4524

Inverse Universe

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



28.3134, 24.6032, 34.7094



48.4996, 40.0443, 60.2046



26.9153, 32.6823, 33.7448



7.3095, 7.1803, 8.6163



15.0841, 7.3897, 18.1654



0.3304, 0.1606, 0.4524

Previews

White Background



This preview shows how the XYZ color 28.3127, 24.6021, 34.7089 looks on a white background.

Color Contrast Check

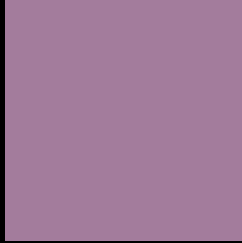
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3127, 24.6021, 34.7089 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 28.3127, 24.6021, 34.7089

Background



This preview shows how black text looks on a background with the XYZ color 28.3127, 24.6021, 34.7089.



This preview shows how white text looks on a background with the XYZ color 28.3127, 24.6021,

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

28.3127, 24.6021, 34.7089

Protanopia

24.4808, 24.7181, 38.1311

Deuteranopia

25.2048, 24.7709, 34.0247



Tritanopia

26.6019, 24.4585, 26.9858

Trichromacy



Original Color

28.3127, 24.6021, 34.7089

Protanomaly

25.6168, 24.5214, 36.6407

Deuteranomaly

26.2935, 24.7214, 34.3962

Tritanomaly

27.1928, 24.5124, 29.6837

Monochromacy



Original Color

28.3127, 24.6021, 34.7089

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.8487, 25.3904, 30.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3127, 24.6021, 34.7089 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(163, 124, 156)` looks like.

```
.text, #text, p{  
    color:rgb(163, 124, 156)  
}
```

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(163, 124, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 124, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.3127, 24.6021, 34.7089 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(163, 124, 156) }
```


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

```
.border{ border-color:rgb(163, 124, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 124, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 124, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 124, 156);  
box-shadow:4px 4px 4px 4px rgb(163, 124,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3127, 24.6021, 34.7089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 124, 156) }
```

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

```
.background{ background-color: rgb(163,  
124, 156) }
```

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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