

Converting Colors

XYZ(32.1128, 27.0046, 40.5657)

Have a look what the booklet for
XYZ(32.1128, 27.0046, 40.5657)
contains.

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Color

**XYZ(32.1128, 27.0046,
40.5657)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7FA8
RGB	174, 127, 168
RGB Percent	68%, 50%, 66%
CMY	0.3176, 0.5019, 0.3412
CMYK	0.00, 0.27, 0.03, 0.32
HSL	308°, 22%, 59%
HSV	308°, 27%, 68%
XYZ	32.1128, 27.0046, 40.5657
YIQ	145.7270, 14.8510, 22.7150

Conversions

Conversions Part 2

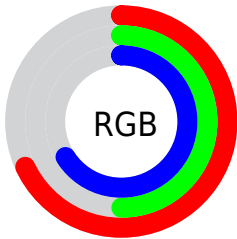
Format	Color
RYB	174, 127, 168
Decimal	11435944
CIELab	58.98, 25.06, -14.64
CIELCh	59, 29.022, 329.710
Yxy	27.0046, 0.3221, 0.2709
Android (android.graphics.Color)	4289626024 (0xFFAE7FA8)
YUV	145.7270, 10.9806, 24.7954
Hunter-Lab	51.9660, 19.3652, -9.9068

Details

The XYZ color **32.1128, 27.0046, 40.5657** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.1232, 36.4783, 27.7506**, and the grayscale version is **27.1629, 28.5775, 31.1209**.

A 20% lighter version of the original color is **62.2737, 54.7932, 77.1060**, and **13.6914, 10.6337, 17.8539** is the 20% darker color. If you saturate the color by 10%, you get **29.8518, 22.8105, 38.7999**, and if you desaturate by 10%, it is **34.7671, 31.9787, 42.4806**.

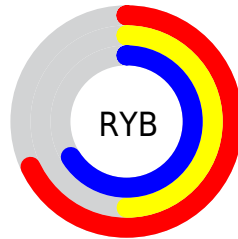
Distribution



Red (68%)

Green (50%)

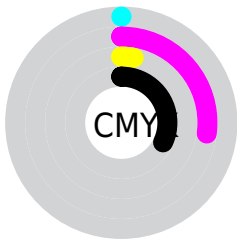
Blue (66%)



Red (68%)

Yellow (50%)

Blue (66%)

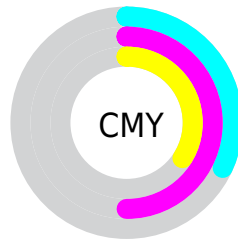


Cyan (0%)

Magenta (27%)

Yellow (3%)

Black (32%)



Cyan (32%)

Magenta (50%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1128, 27.0046, 40.5657 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 32.1128, 27.0046, 40.5657 by changing the saturation by 10% instead.

■ 32.1128, 27.0046,
40.5657

■ 32.1128, 27.0046,
40.5657

303.3689,
287.6794, 364.1249

■ 21.6036, 17.5767,
27.6628

■ 62.3519, 54.8912,
77.2707

■ 13.6809, 10.6465,
17.8348

■ 82.8125, 74.1188,
101.9098

■ 7.9793, 5.8297,
10.6632

■ 107.3210, 97.3816,
131.2980

■ 4.1334, 2.7418,
5.7295

136.2427,
125.0642, 165.8539

■ 1.7779, 0.9985,
2.6152

169.9430,
157.5508, 205.9960

■ 0.5043, 0.0000,
0.9003

208.7873,

■ 0.0000, 0.0000,

195.2260, 252.1428

0.0000

253.1408,
238.4740, 304.7130

■ 32.1128, 27.0046,
40.5657

■ 32.1128, 27.0046,
40.5657

■ 29.8518, 22.8105,
38.7999

■ 34.7671, 31.9787,
42.4806

■ 27.9616, 19.3529,
37.1748

■ 37.8307, 37.7662,
44.5492

■ 26.4213, 16.5895,
35.6836

■ 41.3219, 44.4030,
46.7780

■ 25.2069, 14.4723,
34.3182

■ 45.2568, 51.9217,
49.1723

■ 24.2914, 12.9473,
33.0695

■ 49.6511, 60.3533,
51.7376

■ 23.6432, 11.9515,
31.9270

■ 54.5194, 69.7272,
54.4787

■ 23.2167, 11.3935,
30.8752

■ 59.8758, 80.0714,
57.4005

■ 23.1058, 11.2588,
30.5695

■ 62.0545, 84.0543,
59.2811

■ 62.2922, 84.1493,
60.5327

Harmonies

Analogous

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



29.2488, 27.0046, 50.1756



32.1128, 27.0046, 40.5657



33.2213, 27.0046, 29.5039

Triad

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



32.1128, 27.0046, 40.5657



25.7021, 27.0046, 13.7133



20.1175, 27.0046, 40.3506

Complementary

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



32.1128, 27.0046, 40.5657



28.1232, 36.4783, 27.7506

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.



19.3547, 27.0046, 29.3032



32.1128, 27.0046, 40.5657



22.3903, 27.0046, 15.3391

Square

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



32.1128, 27.0046, 40.5657



29.3151, 27.0046, 15.4042



20.1473, 27.0046, 20.5033



22.3349, 27.0046, 50.0324

Rectangle

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



32.1128, 27.0046, 40.5657



32.7426, 27.0046, 23.2176



20.1473, 27.0046, 20.5033



19.6922, 27.0046, 36.6006

Sweetspot

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



32.1136, 27.0058, 40.5663



67.9532, 67.2389, 80.3682



24.8221, 23.1808, 43.2109



14.9118, 14.5819, 17.7357



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.



32.1136, 27.0058, 40.5663



55.8851, 44.5869, 71.7698



30.1580, 26.2235, 30.2681



8.2924, 8.1302, 9.8506



16.7738, 8.1721, 22.2522



0.4787, 0.2321, 0.6823

Inverse Universe

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



32.1136, 27.0058, 40.5663



55.8851, 44.5869, 71.7698



29.8888, 37.1846, 37.0481



8.2924, 8.1302, 9.8506



16.7738, 8.1721, 22.2522



0.4787, 0.2321, 0.6823

Previews

White Background



This preview shows how the XYZ color 32.1128, 27.0046, 40.5657 looks on a white background.

Color Contrast Check

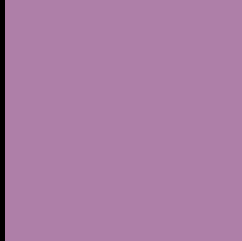
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1128, 27.0046, 40.5657 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 32.1128, 27.0046, 40.5657

Background



This preview shows how black text looks on a background with the XYZ color 32.1128, 27.0046, 40.5657.



This preview shows how white text looks on a background with the XYZ color 32.1128, 27.0046,

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

32.1128, 27.0046, 40.5657

Protanopia

27.1336, 27.2106, 45.4171

Deuteranopia

27.7926, 27.2382, 39.8691



Tritanopia

29.9283, 27.1134, 29.2472

Trichromacy



Original Color

32.1128, 27.0046, 40.5657

Protanomaly

28.6569, 26.9602, 43.7379

Deuteranomaly

29.3493, 27.1859, 40.2597

Tritanomaly

30.5818, 26.9703, 32.8721

Monochromacy



Original Color

32.1128, 27.0046, 40.5657

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.7757, 27.8663, 34.4339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1128, 27.0046, 40.5657 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(174, 127, 168)` looks like.

```
.text, #text, p{  
    color:rgb(174, 127, 168)  
}
```

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(174, 127, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 127, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.1128, 27.0046, 40.5657 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(174, 127, 168) }
```


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

```
.border{ border-color:rgb(174, 127, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 127, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 127, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 127, 168);  
box-shadow:4px 4px 4px 4px rgb(174, 127,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1128, 27.0046, 40.5657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 127, 168) }
```

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

```
.background{ background-color: rgb(174,  
127, 168) }
```

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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