

Converting Colors

XYZ(32.4659, 27.3798, 51.1896)

Have a look what the booklet for
XYZ(32.4659, 27.3798, 51.1896)
contains.

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Color

**XYZ(32.4444, 27.3307,
51.1423)**

Conversions

Conversions Part 1

Format	Color
Hex	A581BC
RGB	165, 129, 188
RGB Percent	65%, 51%, 74%
CMY	0.3529, 0.4941, 0.2627
CMYK	0.12, 0.31, 0.00, 0.26
HSL	277°, 31%, 62%
HSV	277°, 31%, 74%
XYZ	32.4444, 27.3307, 51.1423
YIQ	146.4900, 2.5170, 25.9810

Conversions

Conversions Part 2

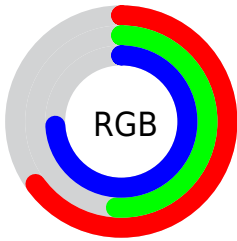
Format	Color
RYB	165, 129, 188
Decimal	10846652
CIELab	59.28, 24.96, -25.67
CIElCh	59, 35.807, 314.190
Yxy	27.3307, 0.2925, 0.2464
Android (android.graphics.Color)	4289036732 (0xFFA581BC)
YUV	146.4900, 20.4644, 16.2333
Hunter-Lab	52.2788, 19.2899, -21.4060

Details

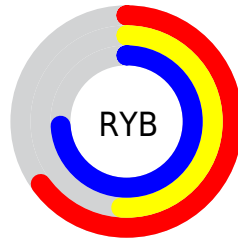
The XYZ color **32.4444, 27.3307, 51.1423** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.8955, 44.2275, 27.4677**, and the grayscale version is **27.4413, 28.8704, 31.4399**.

A 20% lighter version of the original color is **62.8759, 55.3597, 92.9595**, and **13.8512, 10.7860, 24.2735** is the 20% darker color. If you saturate the color by 10%, you get **28.7113, 22.0627, 50.3226**, and if you desaturate by 10%, it is **36.7222, 33.5573, 52.1191**.

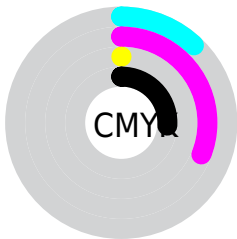
Distribution



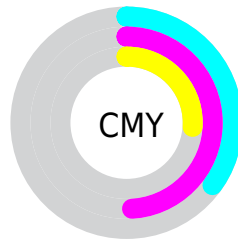
- Red (65%)
- Green (51%)
- Blue (74%)



- Red (65%)
- Yellow (51%)
- Blue (74%)



- Cyan (12%)
- Magenta (31%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (49%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4444, 27.3307, 51.1423 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 32.4444, 27.3307, 51.1423 by changing the saturation by 10% instead.

■ 32.4444, 27.3307,
51.1423

■ 32.4444, 27.3307,
51.1423

304.8481,
289.2548, 407.9787

■ 21.8584, 17.8217,
35.9444

■ 62.8676, 55.4141,
93.2787

■ 13.8689, 10.8221,
24.1019

■ 83.4355, 74.7573,
121.0543

■ 8.1106, 5.9473,
15.1963

■ 108.0614, 98.1474,
153.8595

■ 4.2182, 2.8131,
8.8091

137.1106,
125.9687, 192.1129

■ 1.8263, 1.0349,
4.5218

170.9486,
158.6058, 236.2329

■ 0.5334, 0.0000,
1.9157

209.9406,

■ 0.0000, 0.0000,

196.4428, 286.6382

0.5027

254.4520,
239.8644, 343.7473

■ 0.0000, 0.0000,
0.0000

■ 32.4444, 27.3307,
51.1423

■ 32.4444, 27.3307,
51.1423

■ 28.7113, 22.0627,
50.3226

■ 36.7222, 33.5573,
52.1191

■ 25.4939, 17.6989,
49.6499

■ 41.5666, 40.7858,
53.2590

■ 22.7640, 14.1850,
49.1156

■ 47.0014, 49.0613,
54.5699

■ 20.4896, 11.4589,
48.7093

■ 53.0482, 58.4250,
56.0586

■ 18.6342, 9.4501,
48.4193

■ 59.7274, 68.9156,
57.7315

■ 17.1546, 8.0745,
48.2318

■ 67.0585, 80.5703,
59.5946

■ 16.1095, 7.2562,
48.1289

■ 73.2460, 89.7962,
61.0493

■ 75.4640, 90.9396,
61.1531

■ 77.7799, 92.1335,
61.2615

Harmonies

Analogous

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



28.1427, 27.3307, 60.5922



32.4444, 27.3307, 51.1423



35.1612, 27.3307, 36.9857

Triad

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



32.4444, 27.3307, 51.1423



28.3912, 27.3307, 11.7946



18.4997, 27.3307, 36.2137

Complementary

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



32.4444, 27.3307, 51.1423



34.8955, 44.2275, 27.4677

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.



18.5499, 27.3307, 23.5400



32.4444, 27.3307, 51.1423



23.9253, 27.3307, 11.6977

Square

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



32.4444, 27.3307, 51.1423



32.6442, 27.3307, 15.6805



20.4318, 27.3307, 15.3615



20.2857, 27.3307, 50.4392

Rectangle

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



32.4444, 27.3307, 51.1423



35.5325, 27.3307, 27.9949



20.4318, 27.3307, 15.3615



18.3094, 27.3307, 31.5946

Sweetspot

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



32.4453, 27.3318, 51.1429



77.4389, 77.1009, 97.0267



29.4573, 30.9508, 51.9989



16.3560, 16.1311, 20.7941



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.4453, 27.3318, 51.1429



53.8062, 42.4519, 91.5843



37.0439, 29.7745, 48.1054



9.5600, 9.5056, 12.0031



11.0533, 4.9843, 32.7724



0.5043, 0.2320, 1.2871

Inverse Universe

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



34.2577, 28.6600, 33.4333



57.8598, 45.3929, 53.3117



31.4036, 42.3807, 29.4112



9.6800, 9.5963, 10.7039



14.9797, 7.6230, 5.1867



0.6190, 0.3115, 0.3731

Previews

White Background



This preview shows how the XYZ color 32.4444, 27.3307, 51.1423 looks on a white background.

Color Contrast Check

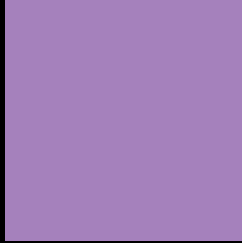
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4444, 27.3307, 51.1423 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 32.4444, 27.3307, 51.1423

Background



This preview shows how black text looks on a background with the XYZ color 32.4444, 27.3307, 51.1423.



This preview shows how white text looks on a background with the XYZ color 32.4444, 27.3307,

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

32.4444, 27.3307, 51.1423

Protanopia

28.2071, 27.5166, 56.6479

Deuteranopia

28.0725, 27.3697, 50.2577



Tritanopia

28.5890, 27.4004, 31.7990

Trichromacy



Original Color

32.4444, 27.3307, 51.1423

Protanomaly

29.4985, 27.3618, 54.7656

Deuteranomaly

29.4509, 27.2159, 50.7147

Tritanomaly

29.8339, 27.2716, 38.3419

Monochromacy



Original Color

32.4444, 27.3307, 51.1423

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.9480, 28.1017, 37.6167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4444, 27.3307, 51.1423 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(165, 129, 188)` looks like.

```
.text, #text, p{  
    color:rgb(165, 129, 188)  
}
```

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(165, 129, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 129, 188) }
```

Border

The CSS property to change the border of an element to XYZ 32.4444, 27.3307, 51.1423 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(165, 129, 188) }
```


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

```
.border{ border-color:rgb(165, 129, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 129, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 129, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 129, 188);  
box-shadow:4px 4px 4px 4px rgb(165, 129,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4444, 27.3307, 51.1423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 129, 188) }
```

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

```
.background{ background-color: rgb(165,  
129, 188) }
```

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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