

Converting Colors

XYZ(30.4159, 27.0925, 32.4805)

Have a look what the booklet for
XYZ(30.4159, 27.0925, 32.4805)
contains.

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Color

**XYZ(30.4159, 27.0925,
32.4805)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8396
RGB	171, 131, 150
RGB Percent	67%, 51%, 59%
CMY	0.3294, 0.4863, 0.4118
CMYK	0.00, 0.23, 0.12, 0.33
HSL	332°, 19%, 59%
HSV	332°, 23%, 67%
XYZ	30.4159, 27.0925, 32.4805
YIQ	145.1260, 17.7410, 14.3890

Conversions

Conversions Part 2

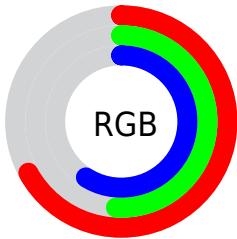
Format	Color
RYB	171, 131, 150
Decimal	11240342
CIELab	59.06, 18.46, -4.22
CIElCh	59, 18.941, 347.125
Yxy	27.0925, 0.3380, 0.3011
Android (android.graphics.Color)	4289430422 (0xFFAB8396)
YUV	145.1260, 2.4029, 22.6915
Hunter-Lab	52.0505, 13.2189, -0.5628

Details

The XYZ color **30.4159, 27.0925, 32.4805** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.5915, 36.2188, 35.1386**, and the grayscale version is **26.9509, 28.3545, 30.8780**.

A 20% lighter version of the original color is **59.7181, 54.9715, 64.5898**, and **12.6658, 10.6373, 13.1900** is the 20% darker color. If you saturate the color by 10%, you get **27.6106, 22.5947, 28.1142**, and if you desaturate by 10%, it is **33.6572, 32.3730, 37.2661**.

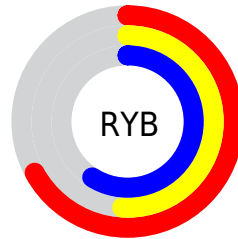
Distribution



Red (67%)

Green (51%)

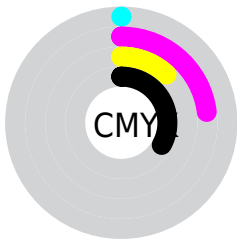
Blue (59%)



Red (67%)

Yellow (51%)

Blue (59%)

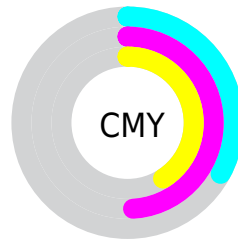


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (33%)



Cyan (33%)

Magenta (49%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4159, 27.0925, 32.4805 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 30.4159, 27.0925, 32.4805 by changing the saturation by 10% instead.

■ 30.4159, 27.0925,
32.4805

■ 30.4159, 27.0925,
32.4805

295.7134,
288.1047, 327.8622

■ 20.3041, 17.6427,
21.4609

■ 59.7014, 55.0323,
64.6702

■ 12.7259, 10.6938,
13.2668

■ 79.6058, 74.2910,
86.6775

■ 7.3157, 5.8613,
7.4797

■ 103.5052, 97.5882,
113.1844

■ 3.7084, 2.7609,
3.6809

131.7649,
125.3083, 144.6094

■ 1.5385, 1.0082,
1.4520

164.7502,
157.8355, 181.3712

■ 0.3518, 0.0000,
0.1818

202.8264,

■ 0.0000, 0.0000,

195.5544, 223.8882

0.0000

246.3591,
238.8494, 272.5791

■ 30.4159, 27.0925,
32.4805

■ 30.4159, 27.0925,
32.4805

■ 27.6106, 22.5947,
28.1142

■ 33.6572, 32.3730,
37.2661

■ 25.2193, 18.8384,
24.1528

■ 37.3506, 38.4675,
42.4813

■ 23.2211, 15.7838,
20.5834

■ 41.5144, 45.4104,
48.1383

■ 21.5927, 13.3862,
17.3917

■ 46.1651, 53.2326,
54.2480

■ 20.3079, 11.5956,
14.5622

■ 51.3181, 61.9638,
60.8211

■ 19.3370, 10.3547,
12.0777

■ 56.9885, 71.6320,
67.8677

■ 18.6445, 9.5950,
9.9192

■ 63.1906, 82.2643,
75.3978

■ 18.2882, 9.2554,
8.6503

■ 65.7163, 85.4426,
82.0136

■ 66.9509, 85.9365,
88.5152

Harmonies

Analogous

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



29.2091, 27.0925, 39.2188



30.4159, 27.0925, 32.4805



30.3190, 27.0925, 25.8473

Triad

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



30.4159, 27.0925, 32.4805



24.4418, 27.0925, 18.7716



22.7943, 27.0925, 40.0455

Complementary

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



30.4159, 27.0925, 32.4805



29.5915, 36.2188, 35.1386

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.



21.6658, 27.0925, 33.4797



30.4159, 27.0925, 32.4805



22.5765, 27.0925, 21.5347

Square

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



30.4159, 27.0925, 32.4805



26.7716, 27.0925, 18.5883



21.5886, 27.0925, 26.7060



24.7559, 27.0925, 44.0131

Rectangle

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



30.4159, 27.0925, 32.4805



29.5275, 27.0925, 22.3519



21.5886, 27.0925, 26.7060



22.3103, 27.0925, 38.0274

Sweetspot

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



30.4167, 27.0937, 32.4811



64.3257, 64.6426, 72.5022



28.3546, 25.8175, 42.0173



14.2597, 14.2748, 16.0485



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.4167, 27.0937, 32.4811



51.8136, 44.2391, 54.0866



29.0984, 26.7101, 25.0961



8.1577, 8.0763, 9.1411



13.8128, 6.9876, 6.6594



0.4120, 0.2055, 0.3315

Inverse Universe

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



30.4167, 27.0937, 32.4811



51.8136, 44.2391, 54.0866



31.1489, 36.6408, 43.9591



8.1577, 8.0763, 9.1411



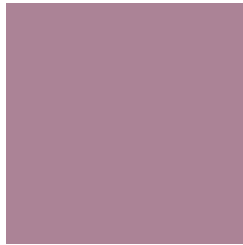
13.8128, 6.9876, 6.6594



0.4120, 0.2055, 0.3315

Previews

White Background



This preview shows how the XYZ color 30.4159, 27.0925, 32.4805 looks on a white background.

Color Contrast Check

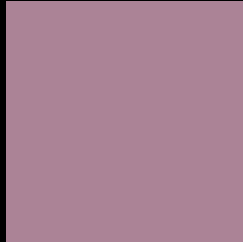
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4159, 27.0925, 32.4805 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 30.4159, 27.0925, 32.4805

Background



This preview shows how black text looks on a background with the XYZ color 30.4159, 27.0925, 32.4805.



This preview shows how white text looks on a background with the XYZ color 30.4159, 27.0925,

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

30.4159, 27.0925, 32.4805

Protanopia

26.5101, 27.1128, 35.2885

Deuteranopia

27.6502, 27.1192, 32.2110



Tritanopia

29.7113, 27.0016, 29.2371

Trichromacy



Original Color

30.4159, 27.0925, 32.4805

Protanomaly

27.7273, 26.8998, 34.3026

Deuteranomaly

28.5860, 26.9715, 32.1331

Tritanomaly

29.9397, 27.0929, 30.4395

Monochromacy



Original Color

30.4159, 27.0925, 32.4805

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.9710, 27.7328, 31.4825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4159, 27.0925, 32.4805 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(171, 131, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 131, 150)  
}
```

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(171, 131, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 131, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.4159, 27.0925, 32.4805 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(171, 131, 150) }
```


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

```
.border{ border-color:rgb(171, 131, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 131, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 131, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 131, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 131,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4159, 27.0925, 32.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 131, 150) }
```

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

```
.background{ background-color: rgb(171,  
131, 150) }
```

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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