

Converting Colors

XYZ(32.4116, 30.0984, 36.1842)

Have a look what the booklet for
XYZ(32.4116, 30.0984, 36.1842)
contains.

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Color

**XYZ(32.4053, 30.1420,
36.0083)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8D9D
RGB	171, 141, 157
RGB Percent	67%, 55%, 62%
CMY	0.3294, 0.4470, 0.3843
CMYK	0.00, 0.18, 0.08, 0.33
HSL	328°, 15%, 61%
HSV	328°, 18%, 67%
XYZ	32.4053, 30.1420, 36.0083
YIQ	151.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

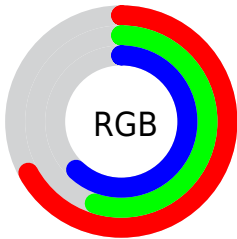
Format	Color
R _Y B	171, 141, 157
Decimal	11242909
CIE Lab	61.78, 14.05, -4.21
CIE LCh	62, 14.671, 343.326
Yxy	30.1420, 0.3288, 0.3058
Android (android.graphics.Color)	4289432989 (0xFFAB8D9D)
YUV	151.7940, 2.5666, 16.8437
Hunter-Lab	54.9017, 9.2801, -0.4552

Details

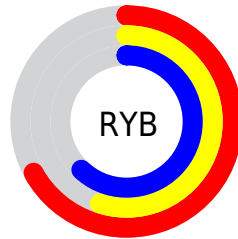
The XYZ color **32.4053, 30.1420, 36.0083** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.4650, 37.1560, 36.5256**, and the grayscale version is **29.7424, 31.2913, 34.0762**.

A 20% lighter version of the original color is **63.0773, 60.1146, 70.5661**, and **13.9504, 12.4447, 15.3025** is the 20% darker color. If you saturate the color by 10%, you get **29.4168, 25.2198, 31.7596**, and if you desaturate by 10%, it is **35.8293, 35.8633, 40.6225**.

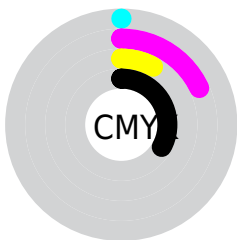
Distribution



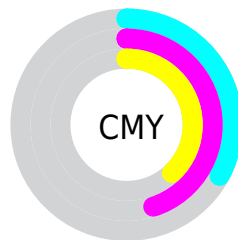
- Red (67%)
- Green (55%)
- Blue (62%)



- Red (67%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4053, 30.1420, 36.0083 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 32.4053, 30.1420, 36.0083 by changing the saturation by 10% instead.


 32.4053, 30.1420,
36.0083


 32.4053, 30.1420,
36.0083


304.6740,
302.5658, 344.0353


 21.8283, 19.9464,
24.1509

 62.8068, 59.8867,
70.2141

 13.8467, 12.3561,
15.2323


 83.3621, 80.2045,
93.3995

 8.0951, 6.9867,
8.8342


 107.9742,
104.6653, 121.1980

 4.2082, 3.4538,
4.5378

137.0084,
133.6532, 154.0280

 1.8206, 1.3730,
1.9248

170.8301,
167.5529, 192.3083

 0.5300, 0.1967,
0.5084

209.8048,

 0.0000, 0.0000,

206.7486, 236.4572

0.0000

254.2976,
251.6248, 286.8934

■ 32.4053, 30.1420,
36.0083

■ 32.4053, 30.1420,
36.0083

■ 29.4168, 25.2198,
31.7596

■ 35.8293, 35.8633,
40.6225

■ 26.8427, 21.0568,
27.8641

■ 39.7038, 42.4132,
45.6102

■ 24.6637, 17.6155,
24.3116

■ 44.0461, 49.8250,
50.9815

■ 22.8580, 14.8538,
21.0902

■ 48.8718, 58.1285,
56.7454

■ 21.4016, 12.7251,
18.1875

■ 54.1958, 67.3525,
62.9105

■ 20.2674, 11.1768,
15.5897

■ 60.0324, 77.5240,
69.4854

■ 19.4241, 10.1478,
13.2814

■ 64.5482, 84.9754,
75.8625

■ 18.8230, 9.5423,
11.2413

■ 65.5858, 85.3904,
81.3260

■ 18.6914, 9.4167,
10.7734

■ 66.6739, 85.8257,
87.0558

Harmonies

Analogous

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



31.3081, 30.1420, 41.2959



32.4053, 30.1420, 36.0083



32.4671, 30.1420, 30.3988

Triad

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



32.4053, 30.1420, 36.0083



27.7909, 30.1420, 23.4140



25.9991, 30.1420, 40.7793

Complementary

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



32.4053, 30.1420, 36.0083



31.4650, 37.1560, 36.5256

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.



25.1428, 30.1420, 35.3654



32.4053, 30.1420, 36.0083



26.1450, 30.1420, 25.5905

Square

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



32.4053, 30.1420, 36.0083



29.7419, 30.1420, 23.5443



25.1949, 30.1420, 29.8248



27.5834, 30.1420, 44.2577

Rectangle

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



32.4053, 30.1420, 36.0083



31.9081, 30.1420, 27.2500



25.1949, 30.1420, 29.8248



25.6199, 30.1420, 39.1004

Sweetspot

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



32.4062, 30.1433, 36.0089



65.7942, 66.9668, 74.8810



30.3943, 28.9601, 42.5165



14.5704, 14.7620, 16.5658



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.



32.4062, 30.1433, 36.0089



55.8969, 50.4429, 61.4991



31.2031, 29.6621, 29.6735



8.1770, 8.0841, 9.2431



14.1172, 7.1094, 8.2627



0.4200, 0.2087, 0.3737

Inverse Universe

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



32.4062, 30.1433, 36.0089



55.8969, 50.4429, 61.4991



32.8041, 37.6916, 43.5770



8.1770, 8.0841, 9.2431



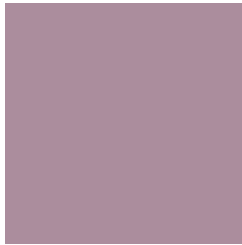
14.1172, 7.1094, 8.2627



0.4200, 0.2087, 0.3737

Previews

White Background



This preview shows how the XYZ color 32.4053, 30.1420, 36.0083 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.4053, 30.1420, 36.0083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

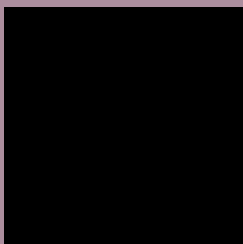
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4053, 30.1420, 36.0083

Background



This preview shows how black text looks on a background with the XYZ color 32.4053, 30.1420, 36.0083.



This preview shows how white text looks on a background with the XYZ color 32.4053, 30.1420,

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

32.4053, 30.1420, 36.0083

Protanopia

29.5059, 30.1780, 38.4522

Deuteranopia

30.8241, 30.2282, 35.6625



Tritanopia

32.0003, 30.1920, 34.2780

Trichromacy



Original Color

32.4053, 30.1420, 36.0083

Protanomaly

30.3752, 29.9570, 37.4390

Deuteranomaly

31.4911, 30.3462, 35.6501

Tritanomaly

32.0833, 30.2251, 34.7149

Monochromacy



Original Color

32.4053, 30.1420, 36.0083

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.7207, 30.8838, 34.9139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4053, 30.1420, 36.0083 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, 141, 157)` looks like.

```
.text, #text, p{  
    color:rgb(171, 141, 157)  
}
```

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, 141, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 141, 157) }
```

Border

The CSS property to change the border of an element to XYZ 32.4053, 30.1420, 36.0083 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, 141, 157) }
```


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

```
.border{ border-color:rgb(171, 141, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 141, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 141, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 141, 157);  
box-shadow:4px 4px 4px 4px rgb(171, 141,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4053, 30.1420, 36.0083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 141, 157) }
```

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

```
.background{ background-color: rgb(171,  
141, 157) }
```

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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