

Converting Colors

XYZ(32.6191, 29.6345, 40.2636)

Have a look what the booklet for
XYZ(32.6191, 29.6345, 40.2636)
contains.

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Color

**XYZ(32.6931, 29.7645,
40.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8BA6
RGB	170, 139, 166
RGB Percent	67%, 55%, 65%
CMY	0.3333, 0.4549, 0.3490
CMYK	0.00, 0.18, 0.02, 0.33
HSL	308°, 15%, 61%
HSV	308°, 18%, 67%
XYZ	32.6931, 29.7645, 40.0984
YIQ	151.3470, 9.8090, 14.9690

Conversions

Conversions Part 2

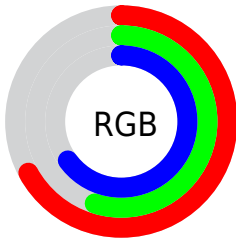
Format	Color
RYB	170, 139, 166
Decimal	11176870
CIELab	61.45, 16.49, -9.82
CIELCh	61, 19.194, 329.222
Yxy	29.7645, 0.3188, 0.2902
Android (android.graphics.Color)	4289366950 (0xFFAA8BA6)
YUV	151.3470, 7.2239, 16.3587
Hunter-Lab	54.5569, 11.4913, -5.3874

Details

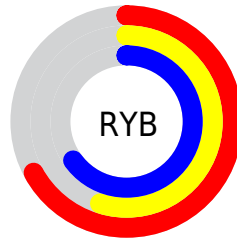
The XYZ color **32.6931, 29.7645, 40.0984** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.9813, 36.2224, 31.3997**, and the grayscale version is **29.5319, 31.0698, 33.8350**.

A 20% lighter version of the original color is **63.1724, 59.3679, 76.5362**, and **14.0809, 12.2112, 17.5344** is the 20% darker color. If you saturate the color by 10%, you get **30.2212, 25.1396, 38.2903**, and if you desaturate by 10%, it is **35.5530, 35.1589, 42.0534**.

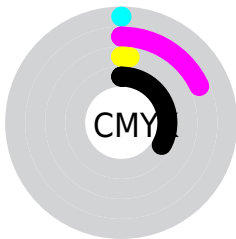
Distribution



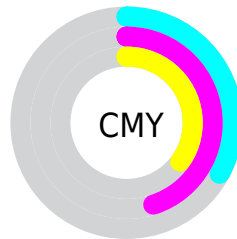
- Red (67%)
- Green (55%)
- Blue (65%)



- Red (67%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6931, 29.7645, 40.0984 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 32.6931, 29.7645, 40.0984 by changing the saturation by 10% instead.


 32.6931, 29.7645,
40.0984


 32.6931, 29.7645,
40.0984


305.9541,
300.8052, 362.1026


 22.0496, 19.6599,
27.3009


 63.2540, 59.2895,
76.5521

 14.0101, 12.1481,
17.5649


 83.9020, 79.4788,
101.0453

 8.2095, 6.8446,
10.4719


 108.6156,
103.7984, 130.2742

 4.2822, 3.3651,
5.6033

137.7601,
132.6327, 164.6573

 1.8630, 1.3252,
2.5405

171.7008,
166.3661, 204.6132

 0.5552, 0.1606,
0.8615

210.8031,

 0.0000, 0.0000,

205.3831, 250.5603

0.0000

255.4324,
250.0680, 302.9172

■ 32.6931, 29.7645,
40.0984

■ 32.6931, 29.7645,
40.0984

■ 30.2212, 25.1396,
38.2903

■ 35.5530, 35.1589,
42.0534

■ 28.1170, 21.2450,
36.6213

■ 38.8147, 41.3520,
44.1591

■ 26.3623, 18.0440,
35.0855

■ 42.4946, 48.3760,
46.4213

■ 24.9363, 15.4952,
33.6761

■ 46.6075, 56.2603,
48.8450

■ 23.8162, 13.5525,
32.3851

■ 51.1674, 65.0330,
51.4350

■ 22.9758, 12.1641,
31.2040

■ 56.1877, 74.7208,
54.1957

■ 22.3850, 11.2694,
30.1224

■ 60.7149, 83.4170,
56.8096

■ 21.9914, 10.7638,
29.1230

■ 60.9425, 83.5080,
58.0077

■ 21.9280, 10.6863,
28.9501

■ 61.1735, 83.6005,
59.2245

Harmonies

Analogous

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



30.7400, 29.7645, 46.1987



32.6931, 29.7645, 40.0984



33.4553, 29.7645, 32.5986

Triad

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



32.6931, 29.7645, 40.0984



28.3566, 29.7645, 20.3471



24.2418, 29.7645, 39.7209

Complementary

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



32.6931, 29.7645, 40.0984



29.9813, 36.2224, 31.3997

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.



23.6862, 29.7645, 32.2191



32.6931, 29.7645, 40.0984



25.9743, 29.7645, 21.6782

Square

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



32.6931, 29.7645, 40.0984



30.8614, 29.7645, 21.8236



24.3016, 29.7645, 25.7705



25.8661, 29.7645, 45.9588

Rectangle

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



32.6931, 29.7645, 40.0984



33.1525, 29.7645, 28.0218



24.3016, 29.7645, 25.7705



23.9283, 29.7645, 37.2306

Sweetspot

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



32.6940, 29.7658, 40.0990



66.2861, 67.1636, 77.4714



27.7511, 27.1746, 41.8132



14.6945, 14.8116, 17.2192



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.



32.6940, 29.7658, 40.0990



57.3669, 50.3443, 71.3562



31.3876, 29.2433, 33.2199



7.7996, 7.6497, 9.2621



16.1448, 7.8666, 21.3717



0.4040, 0.1959, 0.5789

Inverse Universe

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



32.6940, 29.7658, 40.0990



57.3669, 50.3443, 71.3562



31.2048, 36.7118, 37.8428



7.7996, 7.6497, 9.2621



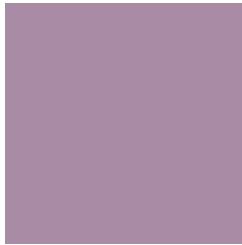
16.1448, 7.8666, 21.3717



0.4040, 0.1959, 0.5789

Previews

White Background



This preview shows how the XYZ color 32.6931, 29.7645, 40.0984 looks on a white background.

Color Contrast Check

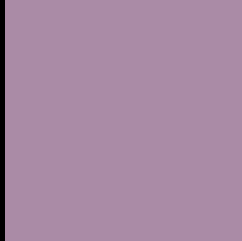
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6931, 29.7645, 40.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

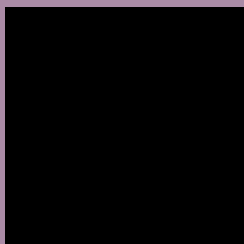
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6931, 29.7645, 40.0984

Background



This preview shows how black text looks on a background with the XYZ color 32.6931, 29.7645, 40.0984.



This preview shows how white text looks on a background with the XYZ color 32.6931, 29.7645,

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

32.6931, 29.7645, 40.0984

Protanopia

29.2860, 29.7370, 42.7244

Deuteranopia

30.4345, 29.9360, 39.7715



Tritanopia

31.3408, 29.6416, 33.7753

Trichromacy



Original Color

32.6931, 29.7645, 40.0984

Protanomaly

30.2716, 29.5834, 41.6508

Deuteranomaly

31.1112, 29.8351, 39.7163

Tritanomaly

31.8261, 29.6255, 35.9392

Monochromacy



Original Color

32.6931, 29.7645, 40.0984

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.5350, 30.5368, 35.7373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6931, 29.7645, 40.0984 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(170, 139, 166)` looks like.

```
.text, #text, p{  
    color:rgb(170, 139, 166)  
}
```

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(170, 139, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 139, 166) }
```

Border

The CSS property to change the border of an element to XYZ 32.6931, 29.7645, 40.0984 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(170, 139, 166) }
```


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

```
.border{ border-color:rgb(170, 139, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 139, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 139, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 139, 166);  
box-shadow:4px 4px 4px 4px rgb(170, 139,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6931, 29.7645, 40.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 139, 166) }
```

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

```
.background{ background-color: rgb(170,  
139, 166) }
```

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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