

Converting Colors

XYZ(31.9754, 29.7339, 43.9695)

Have a look what the booklet for
XYZ(31.9754, 29.7339, 43.9695)
contains.

XYZ(32.0651, 29.7871, 44.1039)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.0651, 29.7871,
44.1039)**

Conversions

Conversions Part 1

Format	Color
Hex	A28DAE
RGB	162, 141, 174
RGB Percent	64%, 55%, 68%
CMY	0.3647, 0.4470, 0.3176
CMYK	0.07, 0.19, 0.00, 0.32
HSL	278°, 17%, 62%
HSV	278°, 19%, 68%
XYZ	32.0651, 29.7871, 44.1039
YIQ	151.0410, 1.9230, 14.7150

Conversions

Conversions Part 2

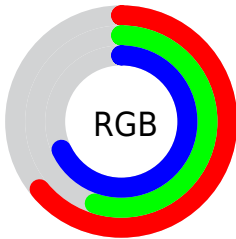
Format	Color
R_{YB}	162, 141, 174
Decimal	10653102
CIE _{Lab}	61.47, 14.15, -14.41
CIE _{LCh}	61, 20.195, 314.474
Yxy	29.7871, 0.3026, 0.2811
Android (android.graphics.Color)	4288843182 (0xFFA28DAE)
YUV	151.0410, 11.3188, 9.6110
Hunter-Lab	54.5776, 9.3606, -9.7077

Details

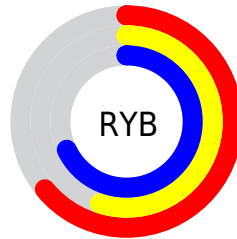
The XYZ color **32.0651, 29.7871, 44.1039** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.0818, 38.9683, 30.9788**, and the grayscale version is **29.3862, 30.9166, 33.6681**.

A 20% lighter version of the original color is **62.4133, 59.4951, 83.0571**, and **13.6843, 12.2023, 20.0464** is the 20% darker color. If you saturate the color by 10%, you get **28.4453, 24.4075, 43.2568**, and if you desaturate by 10%, it is **36.1545, 36.0087, 45.0897**.

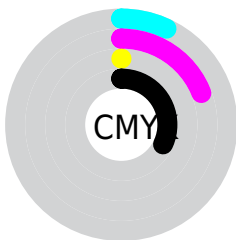
Distribution



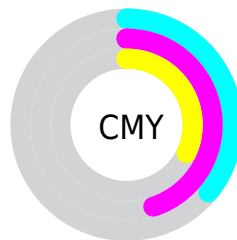
- Red (64%)
- Green (55%)
- Blue (68%)



- Red (64%)
- Yellow (55%)
- Blue (68%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0651, 29.7871, 44.1039 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 32.0651, 29.7871, 44.1039 by changing the saturation by 10% instead.

■ 32.0651, 29.7871,
44.1039

■ 32.0651, 29.7871,
44.1039

303.1557,
300.9108, 379.1859

■ 21.5670, 19.6770,
30.4144

■ 62.2776, 59.3253,
82.6782

■ 13.6539, 12.1605,
19.8986

■ 82.7228, 79.5223,
108.4001

■ 7.9604, 6.8531,
12.1380

■ 107.2144,
103.8503, 138.9699

■ 4.1212, 3.3704,
6.7141

136.1177,
132.6939, 174.8061

■ 1.7710, 1.3280,
3.2082

169.7981,
166.4373, 216.3272

■ 0.5001, 0.1627,
1.2019

208.6211,

■ 0.0000, 0.0000,

205.4650, 263.9519

0.0000

252.9518,
250.1614, 318.0986

■ 32.0651, 29.7871,
44.1039

■ 32.0651, 29.7871,
44.1039

■ 28.4453, 24.4075,
43.2568

■ 36.1545, 36.0087,
45.0897

■ 25.2727, 19.8282,
42.5401

■ 40.7292, 43.1041,
46.2182

■ 22.5269, 16.0093,
41.9477

■ 45.8075, 51.1081,
47.4954

■ 20.1849, 12.9062,
41.4722

■ 51.4060, 60.0523,
48.9267

■ 18.2210, 10.4692,
41.1053

■ 57.5404, 69.9669,
50.5171

■ 16.6065, 8.6423,
40.8377

■ 64.2257, 80.8806,
52.2714

■ 15.3079, 7.3597,
40.6586

■ 68.9357, 87.7401,
53.3471

■ 14.2630, 6.4993,
40.5476

■ 70.7314, 88.6659,
53.4312

■ 14.1609, 6.4176,
40.5372

■ 72.5987, 89.6285,
53.5186

Harmonies

Analogous

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



29.6151, 29.7871, 48.8645



32.0651, 29.7871, 44.1039



33.5550, 29.7871, 36.5325

Triad

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



32.0651, 29.7871, 44.1039



29.7091, 29.7871, 20.2233



23.6236, 29.7871, 36.2507

Complementary

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



32.0651, 29.7871, 44.1039



33.0818, 38.9683, 30.9788

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.



23.6452, 29.7871, 28.6524



32.0651, 29.7871, 44.1039



27.0472, 29.7871, 20.1723

Square

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



32.0651, 29.7871, 44.1039



32.1376, 29.7871, 23.1798



24.8633, 29.7871, 23.0274



24.8022, 29.7871, 43.8698

Rectangle

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



32.0651, 29.7871, 44.1039



33.7478, 29.7871, 31.2990



24.8633, 29.7871, 23.0274



23.4932, 29.7871, 33.5942

Sweetspot

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



32.0660, 29.7884, 44.1046



67.8599, 68.8288, 82.3455



30.0333, 31.5352, 44.5489



14.9688, 15.1222, 18.2743



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.



32.0660, 29.7884, 44.1046



55.1431, 49.5118, 79.2872



34.1992, 30.9368, 42.0017



8.0503, 8.0003, 10.0726



10.3376, 4.6891, 29.4047



0.3448, 0.1599, 0.8207

Inverse Universe

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



32.7312, 30.3496, 34.2715



56.6522, 50.7692, 57.6960



31.2634, 37.9923, 32.6369



8.1211, 8.0617, 8.9486



13.3434, 6.7999, 4.1877



0.3979, 0.1999, 0.2573

Previews

White Background



This preview shows how the XYZ color 32.0651, 29.7871, 44.1039 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 32.0651, 29.7871, 44.1039 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 32.0651, 29.7871, 44.1039

Background



This preview shows how black text looks on a background with the XYZ color 32.0651, 29.7871, 44.1039.



This preview shows how white text looks on a background with the XYZ color 32.0651, 29.7871,

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

32.0651, 29.7871, 44.1039

Protanopia

29.6249, 29.8326, 46.3163

Deuteranopia

30.4307, 29.8472, 43.6924



Tritanopia

30.2721, 29.7177, 35.5931

Trichromacy



Original Color

32.0651, 29.7871, 44.1039

Protanomaly

30.4556, 29.8147, 45.7446

Deuteranomaly

31.0337, 29.9322, 43.6770

Tritanomaly

30.9305, 29.7628, 38.7649

Monochromacy



Original Color

32.0651, 29.7871, 44.1039

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.2093, 30.3392, 37.0647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0651, 29.7871, 44.1039 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(162, 141, 174)` looks like.

```
.text, #text, p{  
    color:rgb(162, 141, 174)  
}
```

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(162, 141, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 141, 174) }
```

Border

The CSS property to change the border of an element to XYZ 32.0651, 29.7871, 44.1039 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(162, 141, 174) }
```


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

```
.border{ border-color:rgb(162, 141, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 141, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 141, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 141, 174);  
box-shadow:4px 4px 4px 4px rgb(162, 141,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0651, 29.7871, 44.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 141, 174) }
```

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

```
.background{ background-color: rgb(162,  
141, 174) }
```

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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