

Converting Colors

XYZ(32.5049, 29.7121, 30.3628)

Have a look what the booklet for
XYZ(32.5049, 29.7121, 30.3628)
contains.

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Color

**XYZ(32.4826, 29.6556,
30.3976)**

Conversions

Conversions Part 1

Format	Color
Hex	B28A90
RGB	178, 138, 144
RGB Percent	70%, 54%, 56%
CMY	0.3020, 0.4588, 0.4353
CMYK	0.00, 0.22, 0.19, 0.30
HSL	351°, 21%, 62%
HSV	351°, 22%, 70%
XYZ	32.4826, 29.6556, 30.3976
YIQ	150.6440, 21.9140, 10.3460

Conversions

Conversions Part 2

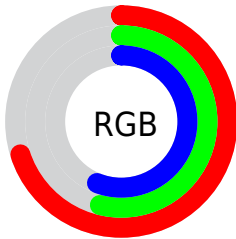
Format	Color
R_{YB}	178, 138, 144
Decimal	11700880
CIE _{Lab}	61.36, 16.14, 2.66
CIE _{LCh}	61, 16.362, 9.349
Yxy	29.6556, 0.3510, 0.3205
Android (android.graphics.Color)	4289890960 (0xFFB28A90)
YUV	150.6440, -3.2755, 23.9912
Hunter-Lab	54.4570, 11.1724, 5.0245

Details

The XYZ color **32.4826, 29.6556, 30.3976** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.8492, 40.2233, 45.0116**, and the grayscale version is **29.2710, 30.7954, 33.5362**.

A 20% lighter version of the original color is **62.9744, 59.2689, 61.5470**, and **13.9676, 12.1476, 12.1982** is the 20% darker color. If you saturate the color by 10%, you get **29.0550, 24.5287, 23.9266**, and if you desaturate by 10%, it is **36.4854, 35.6843, 37.8259**.

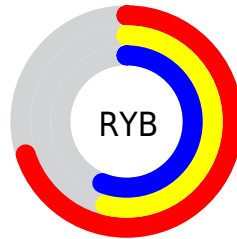
Distribution



Red (70%)

Green (54%)

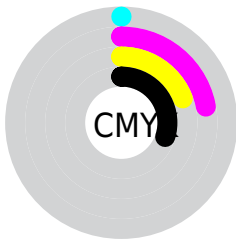
Blue (56%)



Red (70%)

Yellow (54%)

Blue (56%)

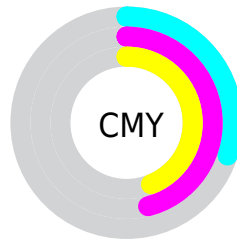


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (30%)



Cyan (30%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4826, 29.6556, 30.3976 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 32.4826, 29.6556, 30.3976 by changing the saturation by 10% instead.


 32.4826, 29.6556,
30.3976


 32.4826, 29.6556,
30.3976


305.0182,
300.2958, 318.0182


 21.8877, 19.5773,
19.8860


 62.9270, 59.1171,
61.3588

 13.8906, 12.0882,
12.1289


 83.5072, 79.2691,
82.6455

 8.1258, 6.8038,
6.7079


 108.1466,
103.5478, 108.3609

 4.2280, 3.3397,
3.2045

137.2105,
132.3377, 138.9236

 1.8319, 1.3115,
1.2000

171.0642,
166.0230, 174.7521

 0.5368, 0.1501,
0.0000

210.0732,

 0.0000, 0.0000,

204.9882, 216.2651

0.0000

254.6027,
249.6177, 263.8809

■ 32.4826, 29.6556,
30.3976

■ 32.4826, 29.6556,
30.3976

■ 29.0550, 24.5287,
23.9266

■ 36.4854, 35.6843,
37.8259

■ 26.1738, 20.2564,
18.3719

■ 41.0857, 42.6509,
46.2463

■ 23.8110, 16.7933,
13.6925

■ 46.3076, 50.5947,
55.6944

■ 21.9355, 14.0880,
9.8433

■ 52.1733, 59.5514,
66.2032

■ 20.5126, 12.0836,
6.7752

■ 58.7036, 69.5550,
77.8043

■ 19.5030, 10.7147,
4.4341

■ 65.9185, 80.6378,
90.5282

■ 18.8605, 9.9038,
2.7581

■ 71.3631, 87.8822,
103.5791

■ 18.5544, 9.5427,
1.8820

■ 72.1702, 88.2050,
107.8292

Harmonies

Analogous

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



32.2507, 29.6556, 36.6650



32.4826, 29.6556, 30.3976



31.5189, 29.6556, 25.3259

Triad

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



32.4826, 29.6556, 30.3976



25.6368, 29.6556, 23.9444



26.7485, 29.6556, 44.7356

Complementary

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



32.4826, 29.6556, 30.3976



33.8492, 40.2233, 45.0116

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.



25.0982, 29.6556, 40.4261



32.4826, 29.6556, 30.3976



24.4794, 29.6556, 28.2775

Square

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



32.4826, 29.6556, 30.3976



27.5180, 29.6556, 21.9260



24.2874, 29.6556, 34.2592



28.8662, 29.6556, 45.4926

Rectangle

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



32.4826, 29.6556, 30.3976



30.3556, 29.6556, 23.1074



24.2874, 29.6556, 34.2592



26.1238, 29.6556, 43.6304

Sweetspot

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



32.4834, 29.6570, 30.3982



70.4878, 71.2514, 76.5334



34.1385, 30.1634, 46.1425



15.5079, 15.6212, 16.7571



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.4834, 29.6570, 30.3982



55.6722, 48.9340, 49.0473



34.1767, 33.7576, 28.7611



8.5466, 8.5253, 9.1107



13.2909, 6.8339, 1.4259



0.4343, 0.2215, 0.1296

Inverse Universe

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



32.4834, 29.6570, 30.3982



55.6722, 48.9340, 49.0473



31.7937, 35.1696, 47.2323



8.5466, 8.5253, 9.1107



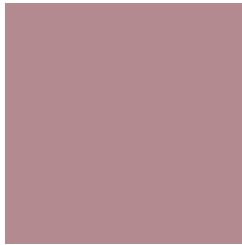
13.2909, 6.8339, 1.4259



0.4343, 0.2215, 0.1296

Previews

White Background



This preview shows how the XYZ color 32.4826, 29.6556, 30.3976 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 32.4826, 29.6556, 30.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

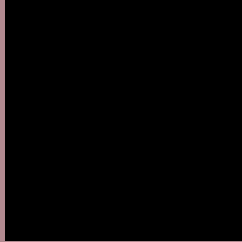
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4826, 29.6556, 30.3976

Background



This preview shows how black text looks on a background with the XYZ color 32.4826, 29.6556, 30.3976.



This preview shows how white text looks on a background with the XYZ color 32.4826, 29.6556,

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

32.4826, 29.6556, 30.3976

Protanopia

28.7772, 29.9290, 32.6939

Deuteranopia

30.2974, 29.6274, 30.1084



Tritanopia

32.6511, 29.4944, 31.9891

Trichromacy



Original Color

32.4826, 29.6556, 30.3976

Protanomaly

29.9377, 29.6302, 31.7451

Deuteranomaly

31.0604, 29.5790, 30.0589

Tritanomaly

32.5722, 29.4629, 31.5739

Monochromacy



Original Color

32.4826, 29.6556, 30.3976

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.3221, 30.2730, 32.2621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4826, 29.6556, 30.3976 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(178, 138, 144)` looks like.

```
.text, #text, p{  
    color:rgb(178, 138, 144)  
}
```

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(178, 138, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 138, 144) }
```

Border

The CSS property to change the border of an element to XYZ 32.4826, 29.6556, 30.3976 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(178, 138, 144) }
```


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

```
.border{ border-color:rgb(178, 138, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 138, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 138, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 138, 144);  
box-shadow:4px 4px 4px 4px rgb(178, 138,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4826, 29.6556, 30.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 138, 144) }
```

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

```
.background{ background-color: rgb(178,  
138, 144) }
```

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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