

Converting Colors

XYZ(32.7468, 28.9384, 44.9081)

Have a look what the booklet for
XYZ(32.7468, 28.9384, 44.9081)
contains.

XYZ(32.6489, 28.7874, 44.9100)	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(32.6489, 28.7874,
44.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	A887B0
RGB	168, 135, 176
RGB Percent	66%, 53%, 69%
CMY	0.3412, 0.4706, 0.3098
CMYK	0.05, 0.23, 0.00, 0.31
HSL	288°, 21%, 61%
HSV	288°, 23%, 69%
XYZ	32.6489, 28.7874, 44.9100
YIQ	149.5410, 6.5070, 19.7470

Conversions

Conversions Part 2

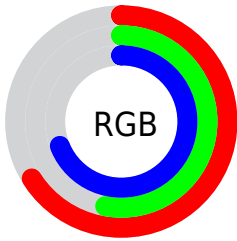
Format	Color
RYB	168, 135, 176
Decimal	11044784
CIELab	60.59, 20.03, -16.82
CIELCh	61, 26.151, 319.977
Yxy	28.7874, 0.3070, 0.2707
Android (android.graphics.Color)	4289234864 (0xFFA887B0)
YUV	149.5410, 13.0443, 16.1885
Hunter-Lab	53.6539, 14.7246, -12.0699

Details

The XYZ color **32.6489, 28.7874, 44.9100** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.2272, 38.6403, 28.7356**, and the grayscale version is **28.7406, 30.2373, 32.9285**.

A 20% lighter version of the original color is **63.2892, 57.6399, 84.1338**, and **14.0261, 11.6401, 20.2464** is the 20% darker color. If you saturate the color by 10%, you get **29.6721, 23.9045, 44.1248**, and if you desaturate by 10%, it is **36.0527, 34.4946, 45.8326**.

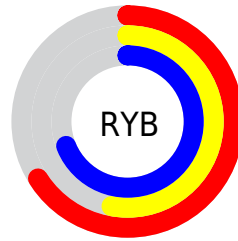
Distribution



Red (66%)

Green (53%)

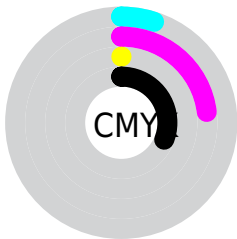
Blue (69%)



Red (66%)

Yellow (53%)

Blue (69%)

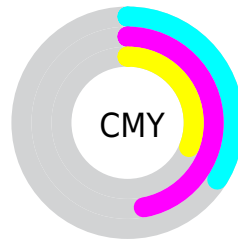


Cyan (5%)

Magenta (23%)

Yellow (0%)

Black (31%)



Cyan (34%)


Magenta (47%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6489, 28.7874, 44.9100 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 32.6489, 28.7874, 44.9100 by changing the saturation by 10% instead.


 32.6489, 28.7874,
44.9100


 32.6489, 28.7874,
44.9100


305.7577,
296.2105, 382.5584


 22.0156, 18.9201,
31.0441


 63.1853, 57.7391,
83.9024

 13.9850, 11.6125,
20.3737


 83.8192, 77.5923,
109.8659

 8.1919, 6.4804,
12.4802


 108.5172,
101.5429, 140.6991

 4.2708, 3.1393,
6.9451

137.6447,
129.9752, 176.8204

 1.8564, 1.2049,
3.3499

171.5672,
163.2738, 218.6485

 0.5513, 0.0657,
1.2759

210.6500,

 0.0000, 0.0000,

201.8229, 266.6018

0.0419

255.2584,
246.0070, 321.0990

0.0000, 0.0000,
0.0000

32.6489, 28.7874,
44.9100

32.6489, 28.7874,
44.9100

29.6721, 23.9045,
44.1248

36.0527, 34.4946,
45.8326

27.0997, 19.8022,
43.4686

39.8995, 41.0595,
46.8970

24.9106, 16.4386,
42.9347

44.2079, 48.5184,
48.1097

23.0810, 13.7659,
42.5153

48.9943, 56.9041,
49.4760

21.5842, 11.7310,
42.2014

54.2746, 66.2480,
51.0013

■ 20.3896, 10.2730,
41.9829

■ 60.0637, 76.5798,
52.6904

■ 19.4606, 9.3187,
41.8477

■ 65.3451, 85.8664,
54.2045

■ 18.9334, 8.8553,
41.7860

■ 66.2251, 86.3201,
54.2457

■ 67.1256, 86.7843,
54.2878

Harmonies

Analogous

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



29.6436, 28.7874, 52.3050



32.6489, 28.7874, 44.9100



34.2769, 28.7874, 34.6987

Triad

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



32.6489, 28.7874, 44.9100



28.5089, 28.7874, 16.3507



21.6943, 28.7874, 38.1465

Complementary

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



32.6489, 28.7874, 44.9100



31.2272, 38.6403, 28.7356

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.



21.4451, 28.7874, 28.2139



32.6489, 28.7874, 44.9100



25.1998, 28.7874, 16.8986

Square

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



32.6489, 28.7874, 44.9100



31.7597, 28.7874, 19.1377



22.6783, 28.7874, 20.8294



23.3894, 28.7874, 47.8765

Rectangle

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



32.6489, 28.7874, 44.9100



34.2779, 28.7874, 28.2279



22.6783, 28.7874, 20.8294



21.4444, 28.7874, 34.6826

Sweetspot

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



32.6498, 28.7886, 44.9106



69.5953, 69.7206, 84.2847



27.6819, 27.9919, 45.0187



14.9947, 14.9597, 18.2415



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.



32.6498, 28.7886, 44.9106



56.3150, 47.4278, 80.6817



33.2431, 29.2288, 38.8705



8.6843, 8.5613, 10.7011



13.9390, 6.5216, 30.6611



0.4802, 0.2266, 0.9667

Inverse Universe

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



31.5274, 28.5425, 29.8355



53.9850, 46.9428, 48.2186



30.8081, 38.3183, 33.5010



8.5619, 8.5315, 9.1914



13.3694, 6.8653, 1.8390



0.4406, 0.2240, 0.1629

Previews

White Background



This preview shows how the XYZ color 32.6489, 28.7874, 44.9100 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 32.6489, 28.7874, 44.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

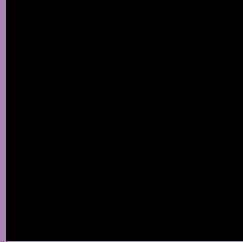
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6489, 28.7874, 44.9100

Background



This preview shows how black text looks on a background with the XYZ color 32.6489, 28.7874, 44.9100.



This preview shows how white text looks on a background with the XYZ color 32.6489, 28.7874,

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

32.6489, 28.7874, 44.9100

Protanopia

28.9892, 28.9881, 48.8671

Deuteranopia

29.4951, 28.9040, 44.0689



Tritanopia

30.2738, 28.8830, 33.2575

Trichromacy



Original Color

32.6489, 28.7874, 44.9100

Protanomaly

29.9758, 28.6409, 47.1284

Deuteranomaly

30.6335, 28.8199, 44.5057

Tritanomaly

30.9507, 28.7144, 37.1689

Monochromacy



Original Color

32.6489, 28.7874, 44.9100

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.2880, 29.9221, 36.9801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6489, 28.7874, 44.9100 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(168, 135, 176)` looks like.

```
.text, #text, p{  
    color:rgb(168, 135, 176)  
}
```

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(168, 135, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 135, 176) }
```

Border

The CSS property to change the border of an element to XYZ 32.6489, 28.7874, 44.9100 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(168, 135, 176) }
```


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

```
.border{ border-color:rgb(168, 135, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 135, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 135, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 135, 176);  
box-shadow:4px 4px 4px 4px rgb(168, 135,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6489, 28.7874, 44.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 135, 176) }
```

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

```
.background{ background-color: rgb(168,  
135, 176) }
```

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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