

Converting Colors

XYZ(33.5493, 28.1951, 43.6630)

Have a look what the booklet for
XYZ(33.5493, 28.1951, 43.6630)
contains.

XYZ(33.5271, 28.2514, 43.7304)	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(33.5271, 28.2514,
43.7304)**

Conversions

Conversions Part 1

Format	Color
Hex	B082AE
RGB	176, 130, 174
RGB Percent	69%, 51%, 68%
CMY	0.3098, 0.4902, 0.3176
CMYK	0.00, 0.26, 0.01, 0.31
HSL	303°, 23%, 60%
HSV	303°, 26%, 69%
XYZ	33.5271, 28.2514, 43.7304
YIQ	148.7700, 13.2920, 23.4360

Conversions

Conversions Part 2

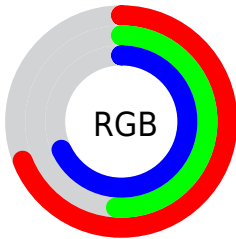
Format	Color
R_{YB}	176, 130, 174
Decimal	11567790
CIE _{Lab}	60.12, 25.20, -16.33
CIE _{LCh}	60, 30.027, 327.060
Yxy	28.2514, 0.3178, 0.2678
Android (android.graphics.Color)	4289757870 (0xFFB082AE)
YUV	148.7700, 12.4384, 23.8807
Hunter-Lab	53.1520, 19.5777, -11.5739

Details

The XYZ color **33.5271, 28.2514, 43.7304** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **28.8973, 37.4633, 27.5395**, and the grayscale version is **28.4167, 29.8966, 32.5574**.

A 20% lighter version of the original color is **64.4951, 56.7359, 82.4148**, and **14.5499, 11.3534, 19.8369** is the 20% darker color. If you saturate the color by 10%, you get **31.3092, 23.9342, 42.6243**, and if you desaturate by 10%, it is **36.1476, 33.3721, 44.9734**.

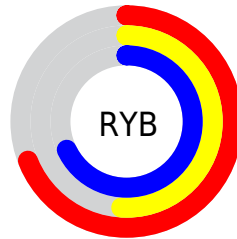
Distribution



Red (69%)

Green (51%)

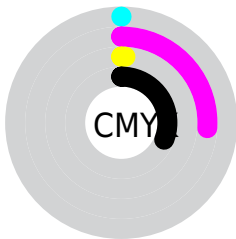
Blue (68%)



Red (69%)

Yellow (51%)

Blue (68%)

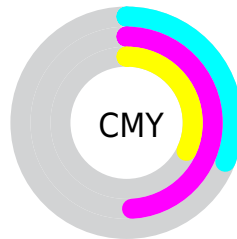


Cyan (0%)

Magenta (26%)

Yellow (1%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5271, 28.2514, 43.7304 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 33.5271, 28.2514, 43.7304 by changing the saturation by 10% instead.


 33.5271, 28.2514,
43.7304

 33.5271, 28.2514,
43.7304


309.6414,
293.6663, 377.6161


 22.6917, 18.5153,
30.1230


 64.5468, 56.8856,
82.1101

 14.4855, 11.3205,
19.6791


 85.4618, 76.5524,
107.7194

 8.5430, 6.2829,
11.9802

 110.4674,
100.2982, 138.1664

 4.4991, 3.0178,
6.6079

139.9289,
128.5074, 173.8697

 1.9882, 1.1411,
3.1434

174.2117,
161.5644, 215.2477

 0.6273, 0.0128,
1.1683

213.6811,

 0.0000, 0.0000,

199.8537, 262.7191

0.0000

258.7026,
243.7595, 316.7024

■ 33.5271, 28.2514,
43.7304

■ 33.5271, 28.2514,
43.7304

■ 31.3092, 23.9342,
42.6243

■ 36.1476, 33.3721,
44.9734

■ 29.4709, 20.3760,
41.6466

■ 39.1869, 39.3304,
46.3578

■ 27.9910, 17.5338,
40.7903

■ 42.6638, 46.1630,
47.8902

■ 26.8448, 15.3586,
40.0475

■ 46.5948, 53.9033,
49.5760

■ 26.0050, 13.7953,
39.4088

■ 50.9959, 62.5829,
51.4207

■ 25.4396, 12.7802,
38.8637

■ 55.8821, 72.2320,
53.4291

■ 25.1066, 12.2291,
38.3981

■ 61.2677, 82.8794,
55.6062

■ 25.0050, 12.0703,
38.2277

■ 61.9155, 84.0505,
56.2061

■ 61.9938, 84.0819,
56.6183

Harmonies

Analogous

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



30.3477, 28.2514, 53.6565



33.5271, 28.2514, 43.7304



34.9087, 28.2514, 31.8568

Triad

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



33.5271, 28.2514, 43.7304



27.2321, 28.2514, 14.1252



20.8070, 28.2514, 41.4013

Complementary

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



33.5271, 28.2514, 43.7304



28.8973, 37.4633, 27.5395

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.



20.1415, 28.2514, 29.6906



33.5271, 28.2514, 43.7304



23.6358, 28.2514, 15.5285

Square

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



33.5271, 28.2514, 43.7304



31.0640, 28.2514, 16.2253



21.1277, 28.2514, 20.6486



23.0393, 28.2514, 52.1023

Rectangle

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



33.5271, 28.2514, 43.7304



34.5352, 28.2514, 24.9729



21.1277, 28.2514, 20.6486



20.4024, 28.2514, 37.3807

Sweetspot

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



33.5280, 28.2526, 43.7310



69.9032, 69.0390, 83.5521



25.2633, 23.9693, 44.3698



14.9666, 14.6038, 18.0246



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.



33.5280, 28.2526, 43.7310



58.5437, 46.8287, 78.1974



31.5120, 27.4463, 33.1152



8.8337, 8.6402, 10.6230



18.3522, 8.8584, 28.0784



0.5823, 0.2807, 0.9091

Inverse Universe

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



33.5280, 28.2526, 43.7310



58.5437, 46.8287, 78.1974



30.6096, 38.1482, 36.5564



8.8337, 8.6402, 10.6230



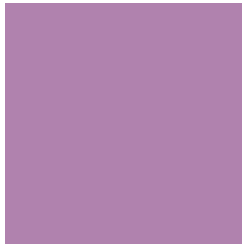
18.3522, 8.8584, 28.0784



0.5823, 0.2807, 0.9091

Previews

White Background



This preview shows how the XYZ color 33.5271, 28.2514, 43.7304 looks on a white background.

Color Contrast Check

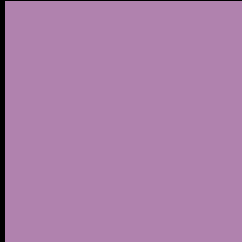
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5271, 28.2514, 43.7304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

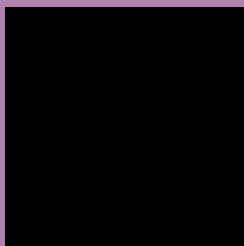
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5271, 28.2514, 43.7304

Background



This preview shows how black text looks on a background with the XYZ color 33.5271, 28.2514, 43.7304.



This preview shows how white text looks on a background with the XYZ color 33.5271, 28.2514,

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

33.5271, 28.2514, 43.7304

Protanopia

28.5122, 28.5163, 48.8012

Deuteranopia

28.9735, 28.4356, 42.9913



Tritanopia

30.8655, 28.1739, 31.0054

Trichromacy



Original Color

33.5271, 28.2514, 43.7304

Protanomaly

30.0485, 28.2446, 47.0480

Deuteranomaly

30.5359, 28.3622, 43.4002

Tritanomaly

31.6219, 28.0596, 35.2019

Monochromacy



Original Color

33.5271, 28.2514, 43.7304

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.1426, 29.1856, 36.3924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5271, 28.2514, 43.7304 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(176, 130, 174)` looks like.

```
.text, #text, p{  
    color:rgb(176, 130, 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(176, 130, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 130, 174) }
```

Border

The CSS property to change the border of an element to XYZ 33.5271, 28.2514, 43.7304 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(176, 130, 174) }
```


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

```
.border{ border-color:rgb(176, 130, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 130, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 130, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 130, 174);  
box-shadow:4px 4px 4px 4px rgb(176, 130,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5271, 28.2514, 43.7304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 130, 174) }
```

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

```
.background{ background-color: rgb(176,  
130, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor