

Converting Colors

XYZ(35.8093, 32.8464, 44.4515)

Have a look what the booklet for
XYZ(35.8093, 32.8464, 44.4515)
contains.

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Color

**XYZ(35.8234, 32.8439,
44.4958)**

Conversions

Conversions Part 1

Format	Color
Hex	B092AE
RGB	176, 146, 174
RGB Percent	69%, 57%, 68%
CMY	0.3098, 0.4274, 0.3176
CMYK	0.00, 0.17, 0.01, 0.31
HSL	304°, 16%, 63%
HSV	304°, 17%, 69%
XYZ	35.8234, 32.8439, 44.4958
YIQ	158.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

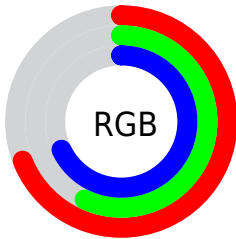
Format	Color
R_{YB}	176, 146, 174
Decimal	11571886
CIE _{Lab}	64.03, 16.20, -10.43
CIE _{LCh}	64, 19.262, 327.227
Yxy	32.8439, 0.3166, 0.2902
Android (android.graphics.Color)	4289761966 (0xFFB092AE)
YUV	158.1620, 7.8081, 15.6439
Hunter-Lab	57.3096, 11.2860, -5.9167

Details

The XYZ color **35.8234, 32.8439, 44.4958** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.7260, 39.3008, 33.8798**, and the grayscale version is **32.5366, 34.2310, 37.2776**.

A 20% lighter version of the original color is **68.0758, 64.1215, 82.9174**, and **15.7734, 13.8005, 20.2448** is the 20% darker color. If you saturate the color by 10%, you get **33.2029, 27.7847, 43.0606**, and if you desaturate by 10%, it is **38.8646, 38.7418, 46.0769**.

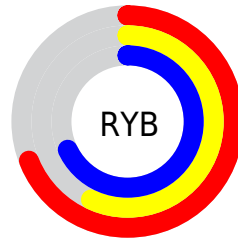
Distribution



Red (69%)

Green (57%)

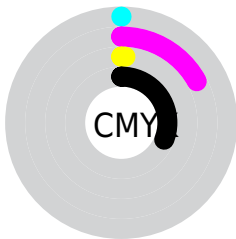
Blue (68%)



Red (69%)

Yellow (57%)

Blue (68%)

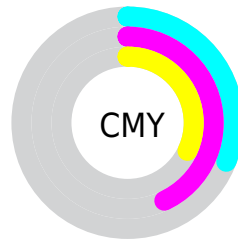


Cyan (0%)

Magenta (17%)

Yellow (1%)

Black (31%)



Cyan (31%)


Magenta (43%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8234, 32.8439, 44.4958 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 35.8234, 32.8439, 44.4958 by changing the saturation by 10% instead.


 35.8234, 32.8439,
44.4958


 35.8234, 32.8439,
44.4958


319.6327,
314.9458, 380.8281

 24.4673, 22.0069,
30.7204


 68.0851, 64.1317,
83.2737

 15.8072, 13.8620,
20.1294


 89.7213, 85.3514,
109.1133

 9.4778, 8.0247,
12.3041


115.5151,
110.8006, 139.8114

 5.1137, 4.1108,
6.8261

145.8316,
140.8640, 175.7865

 2.3496, 1.7357,
3.2768

181.0362,
175.9258, 217.4572

 0.8199, 0.4466,
1.2376

221.4944,

 0.0000, 0.0000,

216.3704, 265.2420

0.0099

267.5715,
262.5823, 319.5594

■ 0.0000, 0.0000,
0.0000

■ 35.8234, 32.8439,
44.4958

■ 35.8234, 32.8439,
44.4958

■ 33.2029, 27.7847,
43.0606

■ 38.8646, 38.7418,
46.0769

■ 30.9810, 23.5216,
41.7628

■ 42.3412, 45.5096,
47.8078

■ 29.1382, 20.0153,
40.5963

■ 46.2712, 53.1824,
49.6947

■ 27.6522, 17.2208,
39.5536

■ 50.6704, 61.7920,
51.7430

■ 26.4983, 15.0888,
38.6264

■ 55.5539, 71.3686,
53.9577

■ 25.6485, 13.5637,
37.8056

■ 60.9361, 81.9411,
56.3437

■ 25.0705, 12.5806,
37.0802

■ 62.1307, 84.1366,
57.3387

■ 24.7175, 12.0457,
36.4346

■ 62.2527, 84.1854,
57.9813

■ 24.6296, 11.9202,
36.2501

■ 62.3758, 84.2346,
58.6293

Harmonies

Analogous

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



33.6711, 32.8439, 50.7988



35.8234, 32.8439, 44.4958



36.7367, 32.8439, 36.4909

Triad

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



35.8234, 32.8439, 44.4958



31.4708, 32.8439, 22.7921



26.7945, 32.8439, 43.0597

Complementary

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



35.8234, 32.8439, 44.4958



32.7260, 39.3008, 33.8798

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.



26.2801, 32.8439, 35.0417



35.8234, 32.8439, 44.4958



28.8854, 32.8439, 24.0297

Square

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



35.8234, 32.8439, 44.4958



34.1341, 32.8439, 24.5898



27.0237, 32.8439, 28.2521



28.4713, 32.8439, 49.8887

Rectangle

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



35.8234, 32.8439, 44.4958



36.4826, 32.8439, 31.5072



27.0237, 32.8439, 28.2521



26.4844, 32.8439, 40.3823

Sweetspot

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



35.8244, 32.8453, 44.4965



71.6566, 72.5385, 84.1594



30.3296, 29.9900, 45.2651



15.4396, 15.5461, 18.1935



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.



35.8244, 32.8453, 44.4965



63.3182, 56.3705, 79.8112



34.4426, 32.2926, 37.2200



8.8251, 8.6368, 10.5773



18.0794, 8.7493, 26.6420



0.5761, 0.2782, 0.8766

Inverse Universe

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



35.8244, 32.8453, 44.4965



63.3182, 56.3705, 79.8112



33.9915, 39.8070, 40.5435



8.8251, 8.6368, 10.5773



18.0794, 8.7493, 26.6420



0.5761, 0.2782, 0.8766

Previews

White Background



This preview shows how the XYZ color 35.8234, 32.8439, 44.4958 looks on a white background.

Color Contrast Check

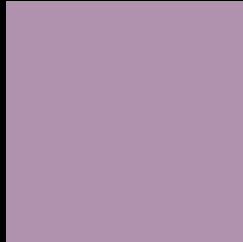
Large Text (above 18pt) WCAG AA × Fail

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 35.8234, 32.8439, 44.4958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

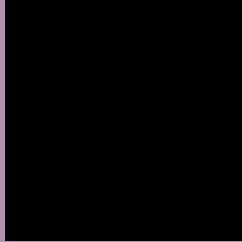
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8234, 32.8439, 44.4958

Background



This preview shows how black text looks on a background with the XYZ color 35.8234, 32.8439, 44.4958.



This preview shows how white text looks on a background with the XYZ color 35.8234, 32.8439,

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

35.8234, 32.8439, 44.4958

Protanopia

32.4548, 32.9452, 47.2963

Deuteranopia

33.5097, 32.8317, 44.1062



Tritanopia

34.3906, 32.7165, 37.7600

Trichromacy



Original Color

35.8234, 32.8439, 44.4958

Protanomaly

33.4996, 32.7811, 46.1567

Deuteranomaly

34.2266, 32.7275, 44.0483

Tritanomaly

34.9044, 32.6980, 40.0690

Monochromacy



Original Color

35.8234, 32.8439, 44.4958

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.7735, 33.7909, 39.8642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8234, 32.8439, 44.4958 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, 146, 174)` looks like.

```
.text, #text, p{  
    color:rgb(176, 146, 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, 146, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 146, 174) }
```

Border

The CSS property to change the border of an element to XYZ 35.8234, 32.8439, 44.4958 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, 146, 174) }
```


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

```
.border{ border-color:rgb(176, 146, 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, 146, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 146, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 146, 174);  
box-shadow:4px 4px 4px 4px rgb(176, 146,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8234, 32.8439, 44.4958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 146, 174) }
```

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

```
.background{ background-color: rgb(176,  
146, 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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