

Converting Colors

XYZ(44.2953, 43.8383, 64.8710)

Have a look what the booklet for
XYZ(44.2953, 43.8383, 64.8710)
contains.

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Color

**XYZ(44.3375, 43.7392,
65.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ADCF
RGB	177, 173, 207
RGB Percent	69%, 68%, 81%
CMY	0.3059, 0.3216, 0.1882
CMYK	0.14, 0.16, 0.00, 0.19
HSL	247°, 26%, 75%
HSV	247°, 16%, 81%
XYZ	44.3375, 43.7392, 65.1372
YIQ	178.0720, -8.5300, 11.4220

Conversions

Conversions Part 2

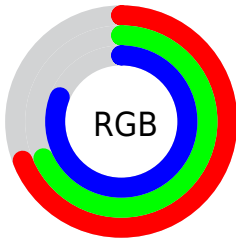
Format	Color
RYB	177, 173, 207
Decimal	11644367
CIELab	72.05, 8.23, -16.70
CIELCh	72, 18.623, 296.240
Yxy	43.7392, 0.2894, 0.2855
Android (android.graphics.Color)	4289834447 (0xFFB1ADCF)
YUV	178.0720, 14.2615, -0.9401
Hunter-Lab	66.1356, 3.9296, -12.1000

Details

The XYZ color **44.3375, 43.7392, 65.1372** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.4857, 60.3404, 48.3123**, and the grayscale version is **42.2862, 44.4884, 48.4479**.

A 20% lighter version of the original color is **79.3977, 80.0304, 105.8705**, and **20.8993, 20.2597, 32.9460** is the 20% darker color. If you saturate the color by 10%, you get **36.7860, 34.4042, 63.7341**, and if you desaturate by 10%, it is **53.0635, 54.5948, 66.7733**.

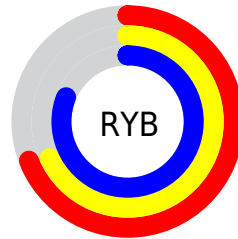
Distribution



Red (69%)

Green (68%)

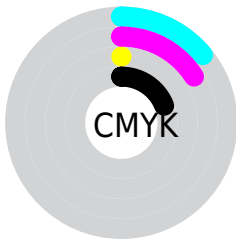
Blue (81%)



Red (69%)

Yellow (68%)

Blue (81%)

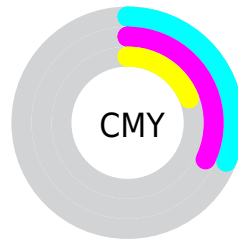


Cyan (14%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (31%)

Magenta (32%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3375, 43.7392, 65.1372 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 44.3375, 43.7392, 65.1372 by changing the saturation by 10% instead.

■ 44.3375, 43.7392,
65.1372

■ 44.3375, 43.7392,
65.1372

354.9127,
361.6430, 461.6045

■ 31.1350, 30.4655,
47.1203

■ 80.9686, 80.8252,
113.8623

■ 20.8540, 20.1922,
32.7757

105.1278,
105.4062, 145.4075

■ 13.1292, 12.5348,
21.6850

133.6700,
134.5252, 182.2992

■ 7.5952, 7.1090,
13.4295

166.9605,
168.5666, 224.9560

■ 3.8866, 3.5304,
7.5908

205.3647,
207.9146, 273.7964

■ 1.6382, 1.4145,
3.7502

249.2479,

■ 0.4171, 0.2274,

252.9538, 329.2389

1.4894

298.9755,
304.0684, 391.7021

■ 0.0000, 0.0000,
0.2100

■ 0.0000, 0.0000,
0.0000

■ 44.3375, 43.7392,
65.1372

■ 44.3375, 43.7392,
65.1372

■ 36.7860, 34.4042,
63.7341

■ 53.0635, 54.5948,
66.7733

■ 30.3549, 26.5167,
62.5506

■ 63.0072, 67.0290,
68.6493

■ 24.9916, 20.0054,
61.5765

■ 74.2144, 81.1036,
70.7753

■ 20.6378, 14.7911,
60.7995

■ 86.4703, 96.3611,
73.0743

■ 17.2296, 10.7864,
60.2061

■ 88.2626, 97.2851,
73.1582

■ 14.6955, 7.8930,
59.7812

■ 12.9538, 5.9969,
59.5070

■ 11.9043, 4.9551,
59.3612

■ 11.6475, 4.7035,
59.3262

Harmonies

Analogous

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



41.1728, 43.7392, 67.3404



44.3375, 43.7392, 65.1372



46.8707, 43.7392, 58.0429

Triad

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



44.3375, 43.7392, 65.1372



45.0671, 43.7392, 34.4896



35.7606, 43.7392, 46.4844

Complementary

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



44.3375, 43.7392, 65.1372



54.4857, 60.3404, 48.3123

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.



36.6900, 43.7392, 38.5340



44.3375, 43.7392, 65.1372



41.9754, 43.7392, 32.1898

Square

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



44.3375, 43.7392, 65.1372



47.3068, 43.7392, 40.2886



38.9255, 43.7392, 33.5710



36.3220, 43.7392, 55.8010

Rectangle

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



44.3375, 43.7392, 65.1372



47.8044, 43.7392, 51.9160



38.9255, 43.7392, 33.5710



35.9077, 43.7392, 43.5764

Sweetspot

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



44.3388, 43.7410, 65.1382



87.0979, 90.0615, 107.4008



49.8612, 56.1180, 67.2361



18.4120, 18.9891, 22.9448



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



44.3388, 43.7410, 65.1382



66.2205, 64.1070, 103.4914



48.4471, 45.8589, 65.3304



11.2910, 11.4833, 14.8651



7.3802, 2.9849, 37.3797



0.4568, 0.1897, 2.0921

Inverse Universe

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



51.4566, 47.4661, 62.9517



79.9321, 71.2854, 99.1711



50.1148, 58.0871, 48.1077



12.2484, 11.9841, 14.5841



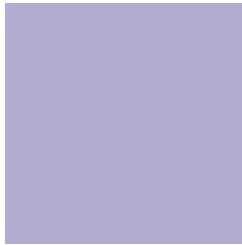
21.5980, 10.5120, 29.1189



1.2250, 0.5947, 1.7194

Previews

White Background



This preview shows how the XYZ color 44.3375, 43.7392, 65.1372 looks on a white background.

Color Contrast Check

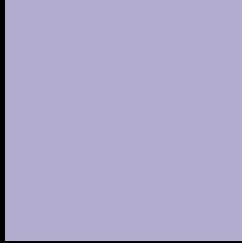
Large Text (above 18pt) WCAG AA × Fail

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 44.3375, 43.7392, 65.1372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

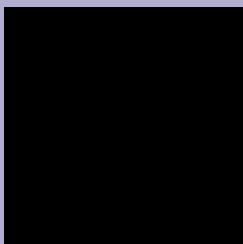
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3375, 43.7392, 65.1372

Background



This preview shows how black text looks on a background with the XYZ color 44.3375, 43.7392, 65.1372.



This preview shows how white text looks on a background with the XYZ color 44.3375, 43.7392,

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

44.3375, 43.7392, 65.1372

Protanopia

43.2927, 43.7601, 65.8393

Deuteranopia

44.6054, 43.5937, 65.0950



Tritanopia

42.2752, 43.7670, 54.9349

Trichromacy



Original Color

44.3375, 43.7392, 65.1372

Protanomaly

43.7548, 43.7104, 65.8053

Deuteranomaly

44.3751, 43.4750, 65.0842

Tritanomaly

42.9730, 43.7594, 58.4060

Monochromacy



Original Color

44.3375, 43.7392, 65.1372

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.0707, 44.1898, 54.4035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3375, 43.7392, 65.1372 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(177, 173, 207)` looks like.

```
.text, #text, p{  
    color:rgb(177, 173, 207)  
}
```

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(177, 173, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 173, 207) }
```

Border

The CSS property to change the border of an element to XYZ 44.3375, 43.7392, 65.1372 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(177, 173, 207) }
```


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

```
.border{ border-color:rgb(177, 173, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 173, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 173, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 173, 207);  
box-shadow:4px 4px 4px 4px rgb(177, 173,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3375, 43.7392, 65.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 173, 207) }
```

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

```
.background{ background-color: rgb(177,  
173, 207) }
```

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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