

Converting Colors

XYZ(43.6531, 43.0182, 65.6810)

Have a look what the booklet for
XYZ(43.6531, 43.0182, 65.6810)
contains.

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Color

**XYZ(43.5932, 43.0578,
65.6879)**

Conversions

Conversions Part 1

Format	Color
Hex	AEACD0
RGB	174, 172, 208
RGB Percent	68%, 67%, 82%
CMY	0.3176, 0.3255, 0.1843
CMYK	0.16, 0.17, 0.00, 0.18
HSL	243°, 28%, 75%
HSV	243°, 17%, 82%
XYZ	43.5932, 43.0578, 65.6879
YIQ	176.7020, -10.3640, 11.6200

Conversions

Conversions Part 2

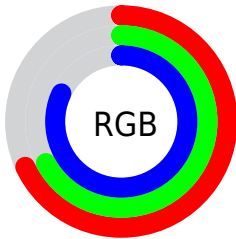
Format	Color
RYB	174, 172, 208
Decimal	11447504
CIELab	71.59, 8.03, -17.97
CIELCh	72, 19.683, 294.085
Yxy	43.0578, 0.2862, 0.2826
Android (android.graphics.Color)	4289637584 (0xFFFAEACD0)
YUV	176.7020, 15.4299, -2.3697
Hunter-Lab	65.6184, 3.7531, -13.4198

Details

The XYZ color **43.5932, 43.0578, 65.6879** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.4575, 61.2133, 47.9242**, and the grayscale version is **41.5604, 43.7247, 47.6162**.

A 20% lighter version of the original color is **78.1522, 78.9812, 105.7336**, and **20.4344, 19.8310, 33.3226** is the 20% darker color. If you saturate the color by 10%, you get **35.8790, 33.6580, 64.2808**, and if you desaturate by 10%, it is **52.5698, 54.0303, 67.3334**.

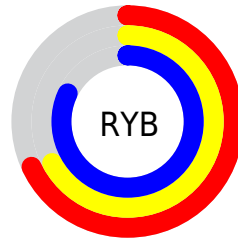
Distribution



Red (68%)

Green (67%)

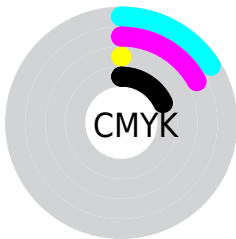
Blue (82%)



Red (68%)

Yellow (67%)

Blue (82%)

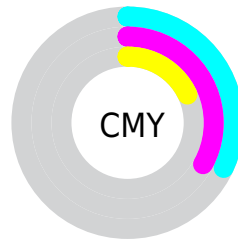


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (18%)



Cyan (32%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5932, 43.0578, 65.6879 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 43.5932, 43.0578, 65.6879 by changing the saturation by 10% instead.

■ 43.5932, 43.0578,
65.6879

■ 43.5932, 43.0578,
65.6879

351.9260,
358.8494, 463.6336

■ 30.5474, 29.9305,
47.5642

■ 79.8554, 79.7981,
114.6610

■ 20.4046, 19.7858,
33.1244

103.8025,
104.1798, 146.3475

■ 12.7994, 12.2395,
21.9498

132.1140,
133.0818, 183.3920

■ 7.3666, 6.9070,
13.6221

165.1554,
166.8884, 226.2130

■ 3.7408, 3.4040,
7.7226

203.2919,
205.9841, 275.2292

■ 1.5566, 1.3461,
3.8327

246.8889,

■ 0.3638, 0.1765,

250.7533, 330.8590

1.5340

296.3118,
301.5802, 393.5209

■ 0.0000, 0.0000,
0.2431

■ 0.0000, 0.0000,
0.0000

■ 43.5932, 43.0578,
65.6879

■ 43.5932, 43.0578,
65.6879

■ 35.8790, 33.6580,
64.2808

■ 52.5698, 54.0303,
67.3334

■ 29.3668, 25.7539,
63.0984

■ 62.8576, 66.6372,
69.2245

■ 23.9973, 19.2699,
62.1299

■ 74.5078, 80.9437,
71.3719

■ 19.7043, 14.1216,
61.3624

■ 87.5024, 96.8789,
73.7629

■ 16.4151, 10.2160,
60.7819

■ 88.3853, 97.3341,
73.8042

■ 14.0480, 7.4479,
60.3724

■ 12.5081, 5.6947,
60.1151

■ 11.6743, 4.7934,
59.9851

■ 11.5306, 4.6290,
59.9610

Harmonies

Analogous

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



40.2691, 43.0578, 67.5819



43.5932, 43.0578, 65.6879



46.3309, 43.0578, 58.4782

Triad

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



43.5932, 43.0578, 65.6879



44.7956, 43.0578, 33.5485



34.8830, 43.0578, 45.0189

Complementary

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



43.5932, 43.0578, 65.6879



55.4575, 61.2133, 47.9242

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.



35.9571, 43.0578, 36.9311



43.5932, 43.0578, 65.6879



41.5883, 43.0578, 30.9108

Square

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



43.5932, 43.0578, 65.6879



47.0511, 43.0578, 39.7926



38.3682, 43.0578, 32.0598



35.3554, 43.0578, 54.7684

Rectangle

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



43.5932, 43.0578, 65.6879



47.3942, 43.0578, 52.0909



38.3682, 43.0578, 32.0598



35.0733, 43.0578, 42.0337

Sweetspot

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



43.5945, 43.0596, 65.6889



86.8241, 89.9203, 107.3880



50.5192, 57.5648, 68.1237



18.3457, 18.9550, 22.9417



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.



43.5945, 43.0596, 65.6889



64.0593, 62.1005, 103.2180



47.8268, 45.2414, 65.8869



11.2235, 11.4485, 14.8619



7.2128, 2.8986, 37.3718



0.4251, 0.1733, 2.0906

Inverse Universe

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



51.9070, 47.3730, 64.8028



79.8069, 70.2735, 101.4768



50.7919, 58.8081, 47.7058



12.2813, 11.9973, 14.7571



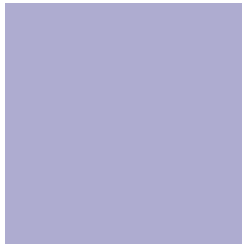
22.4670, 10.8596, 33.6948



1.2651, 0.6107, 1.9306

Previews

White Background



This preview shows how the XYZ color 43.5932, 43.0578, 65.6879 looks on a white background.

Color Contrast Check

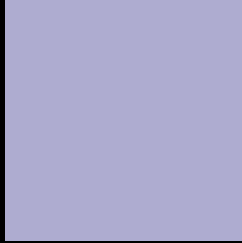
Large Text (above 18pt) WCAG AA × Fail

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 43.5932, 43.0578, 65.6879 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 43.5932, 43.0578, 65.6879

Background



This preview shows how black text looks on a background with the XYZ color 43.5932, 43.0578, 65.6879.



This preview shows how white text looks on a background with the XYZ color 43.5932, 43.0578,

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

43.5932, 43.0578, 65.6879

Protanopia

42.7931, 43.2004, 66.4047

Deuteranopia

43.8526, 42.9100, 65.6457



Tritanopia

41.3099, 42.9920, 54.2651

Trichromacy



Original Color

43.5932, 43.0578, 65.6879

Protanomaly

43.0298, 43.0366, 66.3606

Deuteranomaly

43.6273, 42.7938, 65.6351

Tritanomaly

42.1131, 43.0283, 58.3102

Monochromacy



Original Color

43.5932, 43.0578, 65.6879

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.3116, 43.5209, 53.7473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5932, 43.0578, 65.6879 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(174, 172, 208)` looks like.

```
.text, #text, p{  
    color:rgb(174, 172, 208)  
}
```

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(174, 172, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 172, 208) }
```

Border

The CSS property to change the border of an element to XYZ 43.5932, 43.0578, 65.6879 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(174, 172, 208) }
```


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

```
.border{ border-color:rgb(174, 172, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 172, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 172, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 172, 208);  
box-shadow:4px 4px 4px 4px rgb(174, 172,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5932, 43.0578, 65.6879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 172, 208) }
```

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

```
.background{ background-color: rgb(174,  
172, 208) }
```

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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