

Converting Colors

XYZ(43.1924, 44.4977, 60.4248)

Have a look what the booklet for
XYZ(43.1924, 44.4977, 60.4248)
contains.

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Color

**XYZ(43.0442, 44.3385,
60.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB1C7
RGB	172, 177, 199
RGB Percent	67%, 69%, 78%
CMY	0.3255, 0.3059, 0.2196
CMYK	0.14, 0.11, 0.00, 0.22
HSL	229°, 19%, 73%
HSV	229°, 14%, 78%
XYZ	43.0442, 44.3385, 60.3223
YIQ	178.0130, -10.0420, 5.7820

Conversions

Conversions Part 2

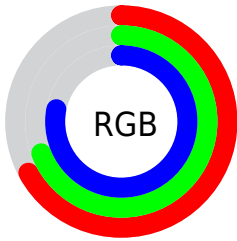
Format	Color
RYB	172, 176, 199
Decimal	11317703
CIELab	72.45, 2.70, -11.75
CIELCh	72, 12.061, 282.938
Yxy	44.3385, 0.2914, 0.3002
Android (android.graphics.Color)	4289507783 (0xFFACB1C7)
YUV	178.0130, 10.3466, -5.2734
Hunter-Lab	66.5872, -1.1391, -7.1007

Details

The XYZ color **43.0442, 44.3385, 60.3223** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.2915, 53.7039, 46.7458**, and the grayscale version is **42.2757, 44.4773, 48.4358**.

A 20% lighter version of the original color is **79.1838, 81.9918, 106.2603**, and **20.1902, 20.7046, 29.7203** is the 20% darker color. If you saturate the color by 10%, you get **35.9852, 36.2256, 59.1291**, and if you desaturate by 10%, it is **51.1403, 53.5533, 61.6749**.

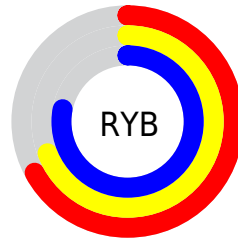
Distribution



Red (67%)

Green (69%)

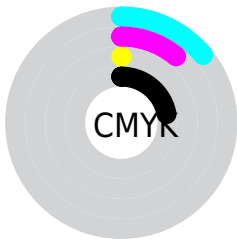
Blue (78%)



Red (67%)

Yellow (69%)

Blue (78%)

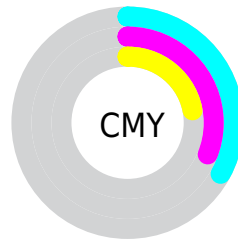


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (22%)



Cyan (33%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0442, 44.3385, 60.3223 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 43.0442, 44.3385, 60.3223 by changing the saturation by 10% instead.

■ 43.0442, 44.3385,
60.3223

■ 43.0442, 44.3385,
60.3223

349.7119,
364.0878, 443.6223

■ 30.1145, 30.9367,
43.2515

■ 79.0329, 81.7269,
106.8450

■ 20.0740, 20.5507,
29.7496

102.8225,
106.4822, 137.1340

■ 12.5574, 12.7960,
19.3982

130.9628,
135.7909, 172.6661

■ 7.1994, 7.2882,
11.7786

163.8191,
170.0373, 213.8598

■ 3.6345, 3.6430,
6.4724

201.7569,
209.6058, 261.1338

■ 1.4975, 1.4759,
3.0610

245.1413,

■ 0.3242, 0.2717,

254.8808, 314.9065

1.1259

294.3379,
306.2466, 375.5965

■ 0.0000, 0.0000,
0.0000

■ 43.0442, 44.3385,
60.3223

■ 43.0442, 44.3385,
60.3223

■ 35.9852, 36.2256,
59.1291

■ 51.1403, 53.5533,
61.6749

■ 29.9172, 29.1675,
58.0866

■ 60.3094, 63.9035,
63.1895

■ 24.7963, 23.1219,
57.1895

■ 70.5905, 75.4285,
64.8721

■ 20.5737, 18.0415,
56.4315

■ 82.0193, 88.1636,
66.7279

■ 17.1962, 13.8752,
55.8053

■ 87.3089, 96.9036,
68.1361

■ 14.6049, 10.5669,
55.3034

■ 12.7326, 8.0541,
54.9170

■ 11.5005, 6.2647,
54.6366

■ 10.9665, 5.4387,
54.5053

Harmonies

Analogous

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



40.9799, 44.3385, 60.0752



43.0442, 44.3385, 60.3223



44.9259, 44.3385, 57.1569

Triad

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



43.0442, 44.3385, 60.3223



45.1385, 44.3385, 40.8876



38.4336, 44.3385, 44.9940

Complementary

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



43.0442, 44.3385, 60.3223



50.2915, 53.7039, 46.7458

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.



39.4764, 44.3385, 40.3682



43.0442, 44.3385, 60.3223



43.3267, 44.3385, 38.1346

Square

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



43.0442, 44.3385, 60.3223



46.1615, 44.3385, 45.7578



41.2533, 44.3385, 37.9526



38.3636, 44.3385, 50.8872

Rectangle

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



43.0442, 44.3385, 60.3223



45.8051, 44.3385, 53.6776



41.2533, 44.3385, 37.9526



38.6804, 44.3385, 43.2515

Sweetspot

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



43.0455, 44.3403, 60.3233



88.8024, 92.9285, 107.8643



47.1302, 53.4953, 58.6460



18.7633, 19.6137, 23.0468



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.



43.0455, 44.3403, 60.3233



71.8974, 73.6611, 105.0364



43.9078, 43.3448, 60.0857



10.2130, 10.6001, 13.4252



7.0991, 3.5921, 35.0635



0.3857, 0.2691, 1.6768

Inverse Universe

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



46.2426, 44.8225, 47.8115



78.4898, 74.7155, 79.2229



49.3313, 54.8895, 47.0253



10.7128, 10.6685, 11.4709



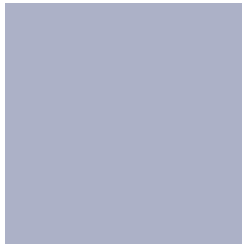
15.3826, 7.9026, 1.9589



0.7534, 0.3842, 0.2244

Previews

White Background



This preview shows how the XYZ color 43.0442, 44.3385, 60.3223 looks on a white background.

Color Contrast Check

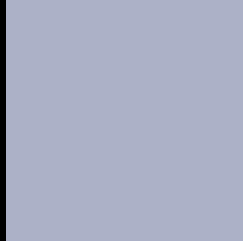
Large Text (above 18pt) WCAG AA × Fail

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 43.0442, 44.3385, 60.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

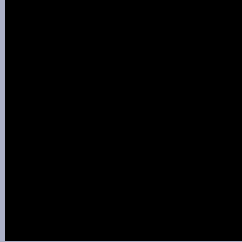
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0442, 44.3385, 60.3223

Background



This preview shows how black text looks on a background with the XYZ color 43.0442, 44.3385, 60.3223.



This preview shows how white text looks on a background with the XYZ color 43.0442, 44.3385,

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

43.0442, 44.3385, 60.3223

Protanopia

43.5133, 44.2881, 60.2879

Deuteranopia

45.1361, 44.2476, 60.8053



Tritanopia

42.2294, 44.3045, 56.1951

Trichromacy



Original Color

43.0442, 44.3385, 60.3223

Protanomaly

43.2897, 44.1729, 60.2774

Deuteranomaly

44.3838, 44.1455, 60.8252

Tritanomaly

42.5653, 44.4388, 57.9639

Monochromacy



Original Color

43.0442, 44.3385, 60.3223

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.6878, 44.6161, 52.8162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0442, 44.3385, 60.3223 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(172, 177, 199)` looks like.

```
.text, #text, p{  
    color:rgb(172, 177, 199)  
}
```

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(172, 177, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 177, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.0442, 44.3385, 60.3223 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(172, 177, 199) }
```


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

```
.border{ border-color:rgb(172, 177, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 177, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 177, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 177, 199);  
box-shadow:4px 4px 4px 4px rgb(172, 177,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0442, 44.3385, 60.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 177, 199) }
```

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

```
.background{ background-color: rgb(172,  
177, 199) }
```

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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