

Converting Colors

XYZ(43.2897, 44.1729, 60.2774)

Have a look what the booklet for
XYZ(43.2897, 44.1729, 60.2774)
contains.

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Color

**XYZ(43.2897, 44.1729,
60.2774)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB0C7
RGB	174, 176, 199
RGB Percent	68%, 69%, 78%
CMY	0.3176, 0.3098, 0.2196
CMYK	0.13, 0.12, 0.00, 0.22
HSL	235°, 18%, 73%
HSV	235°, 13%, 78%
XYZ	43.2897, 44.1729, 60.2774
YIQ	178.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

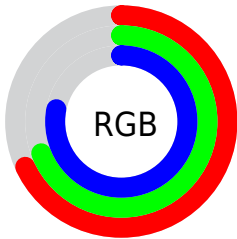
Format	Color
RYB	174, 176, 199
Decimal	11448519
CIELab	72.34, 3.90, -11.90
CIElCh	72, 12.528, 288.159
Yxy	44.1729, 0.2930, 0.2990
Android (android.graphics.Color)	4289638599 (0xFFAEB0C7)
YUV	178.0240, 10.3412, -3.5290
Hunter-Lab	66.4627, -0.0458, -7.2483

Details

The XYZ color **43.2897, 44.1729, 60.2774** is a light color, and the websafe version is hex **999999**. A complement of this color would be **51.1596, 55.1302, 47.9901**, and the grayscale version is **42.2810, 44.4829, 48.4419**.

A 20% lighter version of the original color is **79.5397, 81.7562, 106.1961**, and **20.2036, 20.5246, 29.6849** is the 20% darker color. If you saturate the color by 10%, you get **35.8301, 35.3544, 58.9691**, and if you desaturate by 10%, it is **51.8928, 54.3018, 61.7797**.

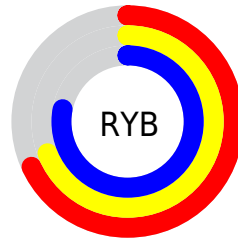
Distribution



Red (68%)

Green (69%)

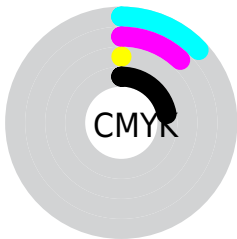
Blue (78%)



Red (68%)

Yellow (69%)

Blue (78%)

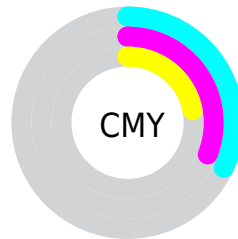


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2897, 44.1729, 60.2774 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 43.2897, 44.1729, 60.2774 by changing the saturation by 10% instead.

■ 43.2897, 44.1729,
60.2774

■ 43.2897, 44.1729,
60.2774

350.7032,
363.4134, 443.4525

■ 30.3080, 30.8065,
43.2155

■ 79.4008, 81.4779,
106.7793

■ 20.2217, 20.4515,
29.7216

103.2610,
106.1852, 137.0563

■ 12.6655, 12.7237,
19.3771

131.4780,
135.4415, 172.5755

■ 7.2740, 7.2385,
11.7635

164.4172,
169.6314, 213.7554

■ 3.6819, 3.6117,
6.4623

202.4439,
209.1391, 261.0145

■ 1.5238, 1.4588,
3.0549

245.9236,

■ 0.3419, 0.2595,

254.3491, 314.7714

1.1227

295.2216,
305.6457, 375.4445

■ 0.0000, 0.0000,
0.0000

■ 43.2897, 44.1729,
60.2774

■ 43.2897, 44.1729,
60.2774

■ 35.8301, 35.3544,
58.9691

■ 51.8928, 54.3018,
61.7797

■ 29.4621, 27.7874,
57.8442

■ 61.6806, 65.7857,
63.4805

■ 24.1354, 21.4168,
56.8953

■ 72.6971, 78.6741,
65.3876

■ 19.7946, 16.1812,
56.1135

■ 84.9829, 93.0122,
67.5076

■ 16.3789, 12.0138,
55.4891

■ 87.3089, 96.9036,
68.1361

■ 13.8207, 8.8406,
55.0115

■ 12.0432, 6.5783,
54.6685

■ 10.9558, 5.1297,
54.4462

■ 10.4933, 4.4924,
54.3475

Harmonies

Analogous

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



41.1404, 44.1729, 60.6717



43.2897, 44.1729, 60.2774



45.1484, 44.1729, 56.4555

Triad

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



43.2897, 44.1729, 60.2774



44.8103, 44.1729, 39.7863



38.0586, 44.1729, 45.7024

Complementary

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



43.2897, 44.1729, 60.2774



51.1596, 55.1302, 47.9901

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.



38.9730, 44.1729, 40.6067



43.2897, 44.1729, 60.2774



42.8411, 44.1729, 37.3918

Square

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



43.2897, 44.1729, 60.2774



46.0468, 44.1729, 44.4923



40.7068, 44.1729, 37.6787



38.1694, 44.1729, 51.8909

Rectangle

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



43.2897, 44.1729, 60.2774



45.9500, 44.1729, 52.6484



40.7068, 44.1729, 37.6787



38.2550, 44.1729, 43.8154

Sweetspot

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



43.2910, 44.1747, 60.2784



88.4758, 92.2753, 107.7555



47.9482, 53.8737, 60.6455



18.6810, 19.4491, 23.0194



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.



43.2910, 44.1747, 60.2784



72.1354, 73.0221, 104.9005



45.3128, 44.6384, 60.2613



10.1238, 10.4217, 13.3955



6.7736, 2.9412, 34.9551



0.3449, 0.1876, 1.6632

Inverse Universe

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



46.5267, 45.5498, 47.4162



78.8821, 75.9144, 78.0763



48.9472, 54.6692, 48.0177



10.6678, 10.6505, 11.2338



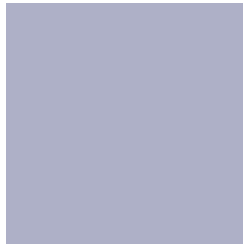
15.2184, 7.8369, 1.0938



0.7328, 0.3760, 0.1161

Previews

White Background



This preview shows how the XYZ color 43.2897, 44.1729, 60.2774 looks on a white background.

Color Contrast Check

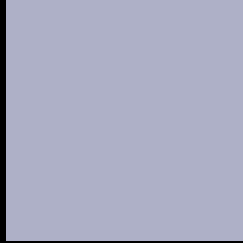
Large Text (above 18pt) WCAG AA × Fail

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 43.2897, 44.1729, 60.2774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

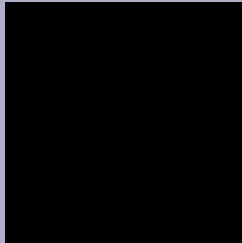
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2897, 44.1729, 60.2774

Background



This preview shows how black text looks on a background with the XYZ color 43.2897, 44.1729, 60.2774.



This preview shows how white text looks on a background with the XYZ color 43.2897, 44.1729,

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

43.2897, 44.1729, 60.2774

Protanopia

43.2897, 44.1729, 60.2774

Deuteranopia

45.1361, 44.2476, 60.8053



Tritanopia

42.3597, 44.0901, 55.5679

Trichromacy



Original Color

43.2897, 44.1729, 60.2774

Protanomaly

43.2897, 44.1729, 60.2774

Deuteranomaly

44.3838, 44.1455, 60.8252

Tritanomaly

42.6933, 44.2236, 57.3248

Monochromacy



Original Color

43.2897, 44.1729, 60.2774

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.7165, 44.3366, 52.7608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2897, 44.1729, 60.2774 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, 176, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 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(174, 176, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.2897, 44.1729, 60.2774 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, 176, 199) }
```


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

```
.border{ border-color:rgb(174, 176, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2897, 44.1729, 60.2774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 199) }
```

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

```
.background{ background-color: rgb(174,  
176, 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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