

Converting Colors

XYZ(43.5847, 43.9645, 55.9715)

Have a look what the booklet for
XYZ(43.5847, 43.9645, 55.9715)
contains.

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Color

**XYZ(43.4729, 43.7812,
56.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AEC0
RGB	180, 174, 192
RGB Percent	71%, 68%, 75%
CMY	0.2941, 0.3176, 0.2471
CMYK	0.06, 0.09, 0.00, 0.25
HSL	260°, 12%, 72%
HSV	260°, 9%, 75%
XYZ	43.4729, 43.7812, 56.0285
YIQ	177.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

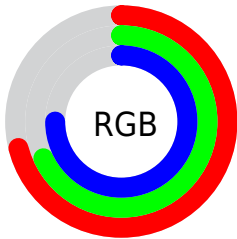
Format	Color
R _Y B	180, 174, 192
Decimal	11841216
CIE Lab	72.08, 5.58, -8.40
CIE LCh	72, 10.084, 303.565
Yxy	43.7812, 0.3034, 0.3056
Android (android.graphics.Color)	4290031296 (0xFFB4AEC0)
YUV	177.8460, 6.9779, 1.8891
Hunter-Lab	66.1674, 1.4842, -3.8878

Details

The XYZ color **43.4729, 43.7812, 56.0285** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7409, 51.1955, 47.4648**, and the grayscale version is **42.2018, 44.3995, 48.3511**.

A 20% lighter version of the original color is **79.5547, 80.6488, 100.1807**, and **20.3721, 20.2952, 27.2697** is the 20% darker color. If you saturate the color by 10%, you get **37.1819, 35.4206, 54.7470**, and if you desaturate by 10%, it is **50.5720, 53.3478, 57.5016**.

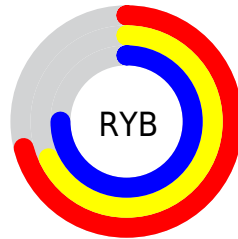
Distribution



Red (71%)

Green (68%)

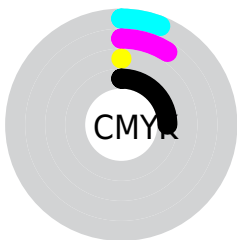
Blue (75%)



Red (71%)

Yellow (68%)

Blue (75%)

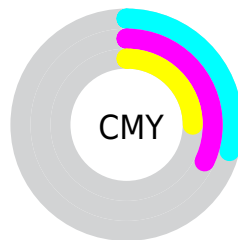


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4729, 43.7812, 56.0285 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 43.4729, 43.7812, 56.0285 by changing the saturation by 10% instead.

■ 43.4729, 43.7812,
56.0285

■ 43.4729, 43.7812,
56.0285

351.4416,
361.8147, 427.1902

■ 30.4525, 30.4985,
39.8216

■ 79.6753, 80.8884,
100.5325

■ 20.3320, 20.2173,
27.0868

103.5879,
105.4817, 129.6666

■ 12.7463, 12.5531,
17.4054

131.8620,
134.6141, 163.9470

■ 7.3299, 7.1215,
10.3589

164.8629,
168.6698, 203.7920

■ 3.7174, 3.5382,
5.5289

202.9560,
208.0333, 249.6203

■ 1.5435, 1.4188,
2.4967

246.5065,

■ 0.3552, 0.2305,

253.0891, 301.8504

0.8384

295.8800,
304.2214, 360.9009

■ 0.0000, 0.0000,
0.0000

■ 43.4729, 43.7812,
56.0285

■ 43.4729, 43.7812,
56.0285

■ 37.1819, 35.4206,
54.7470

■ 50.5720, 53.3478,
57.5016

■ 31.6654, 28.2120,
53.6463

■ 58.5034, 64.1606,
59.1706

■ 26.8928, 22.1051,
52.7191

■ 67.2953, 76.2649,
61.0436

■ 22.8302, 17.0440,
51.9564

■ 76.9732, 89.7019,
63.1271

■ 19.4407, 12.9676,
51.3482

■ 82.5864, 94.5608,
63.7691

■ 16.6839, 9.8085,
50.8837

■ 86.5146, 96.5858,
63.9529

■ 14.5144, 7.4900,
50.5505

■ 12.8801, 5.9228,
50.3342

■ 11.6934, 4.9485,
50.2087

Harmonies

Analogous

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



41.8192, 43.7812, 57.7895



43.4729, 43.7812, 56.0285



44.6528, 43.7812, 52.0238

Triad

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



43.4729, 43.7812, 56.0285



43.1063, 43.7812, 39.6630



38.3905, 43.7812, 48.2631

Complementary

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



43.4729, 43.7812, 56.0285



46.7409, 51.1955, 47.4648

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.



38.7138, 43.7812, 43.5667



43.4729, 43.7812, 56.0285



41.4069, 43.7812, 38.8072

Square

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



43.4729, 43.7812, 56.0285



44.4371, 43.7812, 42.6107



39.8064, 43.7812, 40.1876



38.9106, 43.7812, 53.1153

Rectangle

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



43.4729, 43.7812, 56.0285



44.9952, 43.7812, 48.7425



39.8064, 43.7812, 40.1876



38.4042, 43.7812, 46.6139

Sweetspot

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



43.4742, 43.7831, 56.0295



86.7336, 90.0350, 103.1674



44.5937, 48.0502, 56.7941



18.3812, 19.0105, 22.0859



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.4742, 43.7831, 56.0295



76.6100, 76.4412, 101.0771



45.5638, 44.8603, 56.1273



9.8375, 9.9074, 12.6787



7.8987, 3.3324, 33.7835



0.4153, 0.1821, 1.4631

Inverse Universe

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



45.7387, 45.0257, 52.7366



81.4574, 79.1020, 93.9901



44.6910, 50.1387, 47.3688



10.3500, 10.1886, 11.9335



17.2874, 8.6047, 14.6912



0.7778, 0.3841, 0.7974

Previews

White Background



This preview shows how the XYZ color 43.4729, 43.7812, 56.0285 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 43.4729, 43.7812, 56.0285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

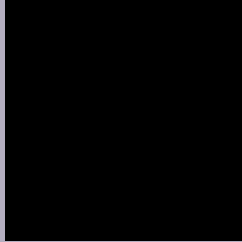
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4729, 43.7812, 56.0285

Background



This preview shows how black text looks on a background with the XYZ color 43.4729, 43.7812, 56.0285.



This preview shows how white text looks on a background with the XYZ color 43.4729, 43.7812,

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

43.4729, 43.7812, 56.0285

Protanopia

42.6348, 43.6242, 56.6253

Deuteranopia

44.7605, 43.8756, 55.9789



Tritanopia

42.9975, 43.8745, 53.7794

Trichromacy



Original Color

43.4729, 43.7812, 56.0285

Protanomaly

43.0871, 43.8573, 56.6465

Deuteranomaly

44.2252, 43.8833, 56.0086

Tritanomaly

43.1057, 43.9178, 54.3492

Monochromacy



Original Color

43.4729, 43.7812, 56.0285

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.8598, 44.4469, 51.1199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4729, 43.7812, 56.0285 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(180, 174, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 192)  
}
```

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(180, 174, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.4729, 43.7812, 56.0285 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(180, 174, 192) }
```


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

```
.border{ border-color:rgb(180, 174, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4729, 43.7812, 56.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 192) }
```

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

```
.background{ background-color: rgb(180,  
174, 192) }
```

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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