

Converting Colors

XYZ(42.7009, 43.0023, 56.3566)

Have a look what the booklet for
XYZ(42.7009, 43.0023, 56.3566)
contains.

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Color

**XYZ(42.7007, 43.0845,
56.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ADC1
RGB	177, 173, 193
RGB Percent	69%, 68%, 76%
CMY	0.3059, 0.3216, 0.2431
CMYK	0.08, 0.10, 0.00, 0.24
HSL	252°, 14%, 72%
HSV	252°, 10%, 76%
XYZ	42.7007, 43.0845, 56.5177
YIQ	176.4760, -4.0360, 7.0680

Conversions

Conversions Part 2

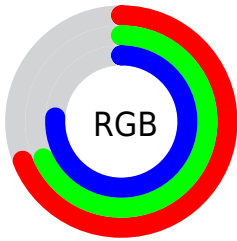
Format	Color
R_{YB}	177, 173, 193
Decimal	11644353
CIE Lab	71.61, 5.31, -9.68
CIE LCh	72, 11.036, 298.732
Yxy	43.0845, 0.3001, 0.3028
Android (android.graphics.Color)	4289834433 (0xFFB1ADC1)
YUV	176.4760, 8.1463, 0.4595
Hunter-Lab	65.6388, 1.2536, -5.1040

Details

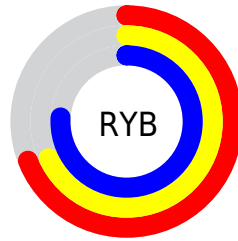
The XYZ color **42.7007, 43.0845, 56.5177** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.6006, 51.9770, 47.0610**, and the grayscale version is **41.4767, 43.6367, 47.5204**.

A 20% lighter version of the original color is **78.4466, 79.6500, 100.8619**, and **19.8098, 19.8239, 27.2084** is the 20% darker color. If you saturate the color by 10%, you get **35.9436, 34.4993, 55.2174**, and if you desaturate by 10%, it is **50.3930, 52.9478, 58.0167**.

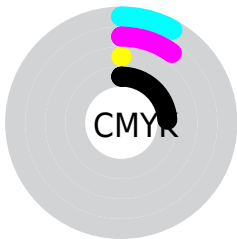
Distribution



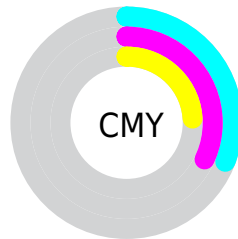
- Red (69%)
- Green (68%)
- Blue (76%)



- Red (69%)
- Yellow (68%)
- Blue (76%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7007, 43.0845, 56.5177 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 42.7007, 43.0845, 56.5177 by changing the saturation by 10% instead.

■ 42.7007, 43.0845,
56.5177

■ 42.7007, 43.0845,
56.5177

348.3219,
358.9592, 429.0826

■ 29.8439, 29.9514,
40.2114

■ 78.5175, 79.8384,
101.2544

■ 19.8676, 19.8017,
27.3883

102.2082,
104.2279, 130.5219

■ 12.4065, 12.2510,
17.6301

130.2409,
133.1384, 164.9469

■ 7.0953, 6.9149,
10.5180

162.9810,
166.9543, 204.9479

■ 3.5687, 3.4089,
5.6337

200.7938,
206.0599, 250.9434

■ 1.4611, 1.3488,
2.5585

244.0446,

■ 0.2992, 0.1785,

250.8397, 303.3520

0.8709

293.0988,
301.6780, 362.5922

■ 0.0000, 0.0000,
0.0000

■ 42.7007, 43.0845,
56.5177

■ 42.7007, 43.0845,
56.5177

■ 35.9436, 34.4993,
55.2174

■ 50.3930, 52.9478,
58.0167

■ 30.0819, 27.1342,
54.1047

■ 59.0507, 64.1330,
59.7194

■ 25.0784, 20.9349,
53.1719

■ 68.7073, 76.6886,
61.6339

■ 20.8919, 15.8410,
52.4093

■ 79.3936, 90.6592,
63.7673

■ 17.4777, 11.7864,
51.8066

■ 86.3360, 96.4809,
64.5251

■ 14.7866, 8.6978,
51.3523

■ 86.6258, 96.6303,
64.5386

■ 12.7636, 6.4922,
51.0332

■ 11.3449, 5.0723,
50.8339

■ 10.4468, 4.2736,
50.7271

Harmonies

Analogous

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



40.8711, 43.0845, 57.9602



42.7007, 43.0845, 56.5177



44.0965, 43.0845, 52.4535

Triad

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



42.7007, 43.0845, 56.5177



42.8424, 43.0845, 38.6606



37.4651, 43.0845, 46.6845

Complementary

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



42.7007, 43.0845, 56.5177



47.6006, 51.9770, 47.0610

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.



37.9579, 43.0845, 41.7747



42.7007, 43.0845, 56.5177



41.0300, 43.0845, 37.3648

Square

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



42.7007, 43.0845, 56.5177



44.1800, 43.0845, 42.1406



39.2488, 43.0845, 38.4609



37.8824, 43.0845, 52.0299

Rectangle

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



42.7007, 43.0845, 56.5177



44.5734, 43.0845, 48.9497



39.2488, 43.0845, 38.4609



37.5295, 43.0845, 44.9311

Sweetspot

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



42.7020, 43.0863, 56.5187



86.3860, 89.8558, 103.1512



45.1300, 49.2745, 57.5851



18.2875, 18.9622, 22.0815



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.



42.7020, 43.0863, 56.5187



74.1446, 74.1898, 100.7725



44.9827, 44.2621, 56.6254



9.7122, 9.8428, 12.6728



7.0015, 2.8698, 33.7415



0.3596, 0.1534, 1.4605

Inverse Universe

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



46.1227, 44.9006, 54.3819



81.2733, 77.9716, 96.2788



45.2817, 50.7816, 46.9524



10.4082, 10.2119, 12.2401



18.5590, 9.1134, 21.3878



0.8244, 0.4028, 1.0425

Previews

White Background



This preview shows how the XYZ color 42.7007, 43.0845, 56.5177 looks on a white background.

Color Contrast Check

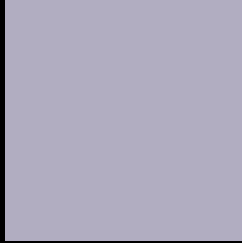
Large Text (above 18pt) WCAG AA × Fail

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 42.7007, 43.0845, 56.5177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

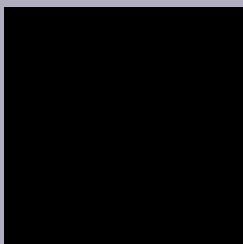
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

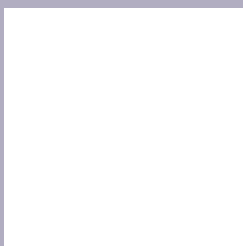
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7007, 43.0845, 56.5177

Background



This preview shows how black text looks on a background with the XYZ color 42.7007, 43.0845, 56.5177.



This preview shows how white text looks on a background with the XYZ color 42.7007, 43.0845,

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

42.7007, 43.0845, 56.5177

Protanopia

42.1072, 43.0514, 57.1294

Deuteranopia

43.9557, 43.1664, 56.4673



Tritanopia

42.1176, 43.1331, 53.6826

Trichromacy



Original Color

42.7007, 43.0845, 56.5177

Protanomaly

42.3292, 43.1658, 57.1398

Deuteranomaly

43.4342, 43.1791, 56.4972

Tritanomaly

42.3348, 43.2199, 54.8262

Monochromacy



Original Color

42.7007, 43.0845, 56.5177

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.6780, 43.2674, 50.4108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7007, 43.0845, 56.5177 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(177, 173, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 173, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.7007, 43.0845, 56.5177 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, 193) }
```


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

```
.border{ border-color:rgb(177, 173, 193) }
```

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, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 173, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 173, 193);  
box-shadow:4px 4px 4px 4px rgb(177, 173,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7007, 43.0845, 56.5177 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, 193) }
```

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

```
.background{ background-color: rgb(177,  
173, 193) }
```

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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