

# Converting Colors

XYZ(43.4420, 43.6791, 56.7196)

Have a look what the booklet for  
XYZ(43.4420, 43.6791, 56.7196)  
contains.

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# **Color**

**XYZ(43.3521, 43.7061,  
56.6033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3AEC1
RGB	179, 174, 193
RGB Percent	70%, 68%, 76%
CMY	0.2980, 0.3176, 0.2431
CMYK	0.07, 0.10, 0.00, 0.24
HSL	256°, 13%, 72%
HSV	256°, 10%, 76%
XYZ	43.3521, 43.7061, 56.6033
YIQ	177.6610, -3.1190, 6.9690

# Conversions

## Conversions Part 2

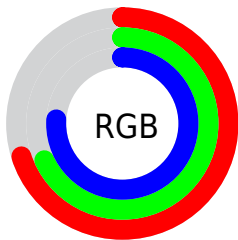
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 174, 193
Decimal	11775681
CIE Lab	72.03, 5.44, -9.04
CIE LCh	72, 10.544, 301.028
Yxy	43.7061, 0.3018, 0.3042
Android (android.graphics.Color)	4289965761 (0xFFB3AEC1)
YUV	177.6610, 7.5621, 1.1743
Hunter-Lab	66.1106, 1.3581, -4.4862

# Details

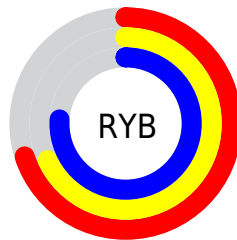
The XYZ color **43.3521, 43.7061, 56.6033** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.4506, 51.8885, 47.5612**, and the grayscale version is **42.1015, 44.2940, 48.2362**.

A 20% lighter version of the original color is **79.3791, 80.5403, 100.9846**, and **20.2239, 20.2188, 27.2628** is the 20% darker color. If you saturate the color by 10%, you get **36.7689, 35.1702, 55.3034**, and if you desaturate by 10%, it is **50.8127, 53.4920, 58.0996**.

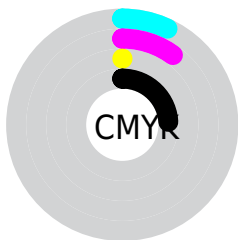
# Distribution



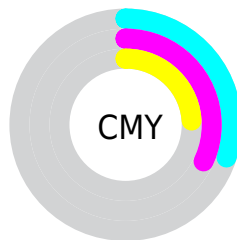
- Red (70%)
- Green (68%)
- Blue (76%)



- Red (70%)
- Yellow (68%)
- Blue (76%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



- Cyan (30%)
- Magenta (32%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3521, 43.7061, 56.6033 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 43.3521, 43.7061, 56.6033 by changing the saturation by 10% instead.



■ 43.3521, 43.7061,  
56.6033

■ 43.3521, 43.7061,  
56.6033

350.9548,  
361.5076, 429.4132

■ 30.3572, 30.4395,  
40.2796

■ 79.4943, 80.7753,  
101.3807

■ 20.2593, 20.1724,  
27.4412

103.3724,  
105.3467, 130.6715

■ 12.6930, 12.5205,  
17.6695

131.6088,  
134.4552, 165.1217

■ 7.2930, 7.0992,  
10.5460

164.5690,  
168.4852, 205.1499

■ 3.6940, 3.5242,  
5.6521

202.6184,  
207.8210, 251.1746

■ 1.5305, 1.4111,  
2.5694

246.1222,

■ 0.3465, 0.2249,

252.8471, 303.6143

0.8766

295.4459,  
303.9478, 362.8877

■ 0.0000, 0.0000,  
0.0000

■ 43.3521, 43.7061,  
56.6033

■ 43.3521, 43.7061,  
56.6033

■ 36.7689, 35.1702,  
55.3034

■ 50.8127, 53.4920,  
58.0996

■ 31.0263, 27.8280,  
54.1888

■ 59.1781, 64.5701,  
59.7970

■ 26.0905, 21.6271,  
53.2521

■ 68.4791, 76.9876,  
61.7036

■ 21.9238, 16.5090,  
52.4838

■ 78.7439, 90.7874,  
63.8262

■ 18.4855, 12.4098,  
51.8738

■ 84.8522, 95.7160,  
64.4556

■ 15.7306, 9.2589,  
51.4108

■ 86.6258, 96.6303,  
64.5386

■ 13.6092, 6.9762,  
51.0820

■ 12.0633, 5.4679,  
50.8724

■ 10.9939, 4.5605,  
50.7536

# Harmonies

## Analogous

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



41.6035, 43.7061, 58.2096



43.3521, 43.7061, 56.6033



44.6453, 43.7061, 52.5560

# Triad

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



43.3521, 43.7061, 56.6033



43.2414, 43.7061, 39.4284



38.1741, 43.7061, 47.7667

# Complementary

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



43.3521, 43.7061, 56.6033



47.4506, 51.8885, 47.5612

# 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.



38.5847, 43.7061, 42.9443



43.3521, 43.7061, 56.6033



41.4792, 43.7061, 38.3450

# Square

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



43.3521, 43.7061, 56.6033



44.5801, 43.7061, 42.6571



39.7817, 43.7061, 39.5856



38.6439, 43.7061, 52.8861



# Rectangle

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



43.3521, 43.7061, 56.6033



45.0568, 43.7061, 49.1520



39.7817, 43.7061, 39.5856



38.2137, 43.7061, 46.0585

# Sweetspot

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



43.3534, 43.7080, 56.6043



86.5504, 89.9406, 103.1589



45.1194, 48.9237, 57.5179



18.3318, 18.9850, 22.0836



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.



43.3534, 43.7080, 56.6043



74.7414, 74.4974, 100.8004



45.5638, 44.8475, 56.7077



9.7713, 9.8732, 12.6756



7.3677, 3.0586, 33.7587



0.3858, 0.1669, 1.4618



# Inverse Universe

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



46.2070, 45.2424, 53.8765



80.9874, 77.8572, 94.7730



45.2441, 50.7510, 47.4579



10.3805, 10.2008, 12.0943



17.9208, 8.8581, 18.0268

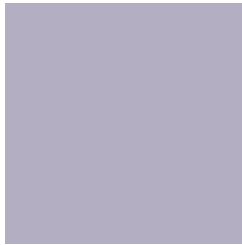


0.8014, 0.3936, 0.9215



# Previews

## White Background



This preview shows how the XYZ color 43.3521, 43.7061, 56.6033 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 43.3521, 43.7061, 56.6033 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

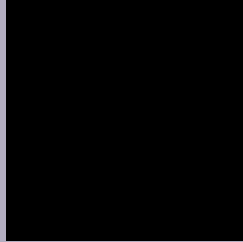
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.3521, 43.7061, 56.6033**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.3521, 43.7061, 56.6033.



This preview shows how white text looks on a background with the XYZ color 43.3521, 43.7061,



# 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

43.3521, 43.7061, 56.6033

### Protanopia

42.7468, 43.6689, 57.2149

### Deuteranopia

44.6279, 43.7944, 56.5531



## Tritanopia

42.8754, 43.7990, 54.3384

# Trichromacy



## Original Color

43.3521, 43.7061, 56.6033

## Protanomaly

42.9721, 43.7851, 57.2254

## Deuteranomaly

44.0976, 43.8047, 56.5830

## Tritanomaly

42.9843, 43.8426, 54.9122

# Monochromacy



## Original Color

43.3521, 43.7061, 56.6033

## Achromatopsia

42.3164, 44.5201, 48.4824

## Achromatomaly

42.6295, 44.3282, 51.1091

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.3521, 43.7061, 56.6033 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(179, 174, 193)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 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(179, 174, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 43.3521, 43.7061, 56.6033 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(179, 174, 193) }
```



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

```
.border{ border-color:rgb(179, 174, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
193) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.3521, 43.7061, 56.6033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 193) }
```

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

```
.background{ background-color: rgb(179,  
174, 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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