

Converting Colors

XYZ(42.6263, 44.1229, 53.3614)

Have a look what the booklet for
XYZ(42.6263, 44.1229, 53.3614)
contains.

XYZ(42.6264, 43.9856, 53.2571)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.6264, 43.9856,
53.2571)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B0BB
RGB	177, 176, 187
RGB Percent	69%, 69%, 73%
CMY	0.3059, 0.3098, 0.2667
CMYK	0.05, 0.06, 0.00, 0.27
HSL	245°, 7%, 71%
HSV	245°, 6%, 73%
XYZ	42.6264, 43.9856, 53.2571
YIQ	177.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

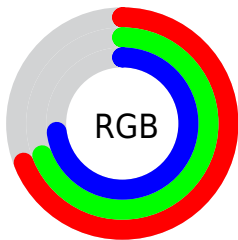
Format	Color
RYB	177, 176, 187
Decimal	11645115
CIELab	72.22, 2.47, -5.48
CIELCh	72, 6.009, 294.251
Yxy	43.9856, 0.3048, 0.3145
Android (android.graphics.Color)	4289835195 (0xFFB1B0BB)
YUV	177.5530, 4.6574, -0.4850
Hunter-Lab	66.3216, -1.3369, -1.1855

Details

The XYZ color **42.6264, 43.9856, 53.2571** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.8581, 49.1155, 48.1397**, and the grayscale version is **42.0593, 44.2496, 48.1878**.

A 20% lighter version of the original color is **78.6385, 81.5079, 96.3819**, and **19.8229, 20.4216, 25.4512** is the 20% darker color. If you saturate the color by 10%, you get **35.5748, 35.2781, 51.9487**, and if you desaturate by 10%, it is **50.6683, 53.9558, 54.7584**.

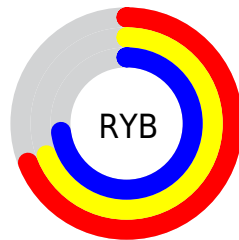
Distribution



Red (69%)

Green (69%)

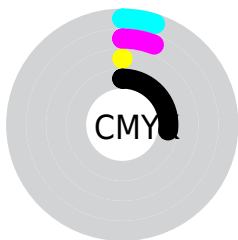
Blue (73%)



Red (69%)

Yellow (69%)

Blue (73%)

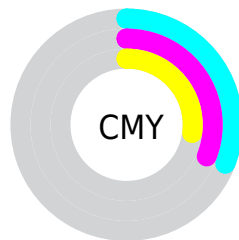


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6264, 43.9856, 53.2571 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 42.6264, 43.9856, 53.2571 by changing the saturation by 10% instead.

■ 42.6264, 43.9856,
53.2571

■ 42.6264, 43.9856,
53.2571

348.0207,
362.6495, 416.3650

■ 29.7853, 30.6592,
37.6189

■ 78.4060, 81.1961,
96.4280

■ 19.8230, 20.3395,
25.3875

102.0753,
105.8489, 124.7977

■ 12.3739, 12.6420,
16.1444

130.0847,
135.0460, 158.2484

■ 7.0729, 7.1825,
9.4709

162.7995,
169.1718, 197.1986

■ 3.5545, 3.5765,
4.9486

200.5852,
208.6107, 242.0668

■ 1.4533, 1.4396,
2.1589

243.8070,

■ 0.2937, 0.2456,

253.7470, 293.2716

0.6505

292.8304,
304.9651, 351.2315

■ 0.0000, 0.0000,
0.0000

■ 42.6264, 43.9856,
53.2571

■ 42.6264, 43.9856,
53.2571

■ 35.5748, 35.2781,
51.9487

■ 50.6683, 53.9558,
54.7584

■ 29.4715, 27.7776,
50.8227

■ 59.7327, 65.2305,
56.4568

■ 24.2771, 21.4324,
49.8717

■ 69.8553, 77.8563,
58.3604

■ 19.9479, 16.1850,
49.0870

■ 81.0688, 91.8761,
60.4754

■ 16.4367, 11.9730,
48.4591

■ 85.9698, 96.3679,
61.0841

■ 13.6918, 8.7274,
47.9773

■ 11.6553, 6.3712,
47.6298

■ 10.2612, 4.8154,
47.4030

■ 9.4291, 3.9488,
47.2796

Harmonies

Analogous

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



41.6088, 43.9856, 53.7657



42.6264, 43.9856, 53.2571



43.4363, 43.9856, 51.2864

Triad

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



42.6264, 43.9856, 53.2571



42.9757, 43.9856, 43.4320



39.8657, 43.9856, 47.3265

Complementary

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



42.6264, 43.9856, 53.2571



45.8581, 49.1155, 48.1397

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.



40.2189, 43.9856, 44.6524



42.6264, 43.9856, 53.2571



42.0058, 43.9856, 42.4640

Square

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



42.6264, 43.9856, 53.2571



43.6403, 43.9856, 45.5989



40.9982, 43.9856, 42.9015



40.0257, 43.9856, 50.2624

Rectangle

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



42.6264, 43.9856, 53.2571



43.7438, 43.9856, 49.4502



40.9982, 43.9856, 42.9015



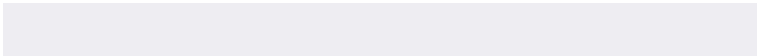
39.9282, 43.9856, 46.3686

Sweetspot

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



42.6277, 43.9875, 53.2581



81.6738, 85.3792, 96.3766



44.4520, 47.9720, 53.9310



18.0183, 18.8420, 21.2298



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.6277, 43.9875, 53.2581



74.6940, 76.7378, 95.0765



43.8864, 44.6364, 53.3170



9.4044, 9.6486, 12.0389



6.3665, 2.5681, 32.5530



0.2768, 0.1147, 1.2764

Inverse Universe

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



44.8833, 45.1626, 52.8082



79.5424, 79.2639, 94.1011



44.5666, 48.4497, 48.0793



10.0497, 9.9848, 11.9087



19.1362, 9.2856, 27.0747



0.7606, 0.3681, 1.1186

Previews

White Background



This preview shows how the XYZ color 42.6264, 43.9856, 53.2571 looks on a white background.

Color Contrast Check

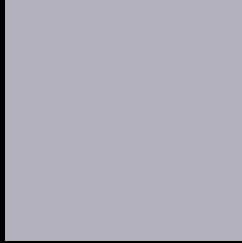
Large Text (above 18pt) WCAG AA × Fail

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 42.6264, 43.9856, 53.2571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

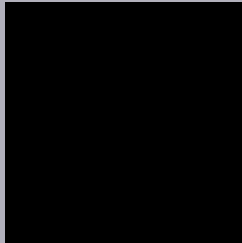
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6264, 43.9856, 53.2571

Background



This preview shows how black text looks on a background with the XYZ color 42.6264, 43.9856, 53.2571.

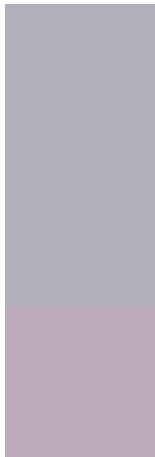


This preview shows how white text looks on a background with the XYZ color 42.6264, 43.9856,

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

42.6264, 43.9856, 53.2571

Protanopia

42.6264, 43.9856, 53.2571

Deuteranopia

44.8159, 43.9547, 53.6990



Tritanopia

42.8421, 44.0719, 54.3928

Trichromacy



Original Color

42.6264, 43.9856, 53.2571

Protanomaly

42.6264, 43.9856, 53.2571

Deuteranomaly

44.0283, 43.8323, 53.7169

Tritanomaly

42.7339, 44.0286, 53.8230

Monochromacy



Original Color

42.6264, 43.9856, 53.2571

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.4227, 44.2455, 50.0204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6264, 43.9856, 53.2571 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, 176, 187)` looks like.

```
.text, #text, p{  
    color:rgb(177, 176, 187)  
}
```

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, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 176, 187) }
```

Border

The CSS property to change the border of an element to XYZ 42.6264, 43.9856, 53.2571 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, 176, 187) }
```


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

```
.border{ border-color:rgb(177, 176, 187) }
```

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

Here you see how a box with a 4 pixel rgb(177, 176, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(177, 176,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6264, 43.9856, 53.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 176, 187) }
```

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

```
.background{ background-color: rgb(177,  
176, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor