

Converting Colors

XYZ(39.6839, 42.9874, 47.9996)

Have a look what the booklet for
XYZ(39.6839, 42.9874, 47.9996)
contains.

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Color

**XYZ(39.5943, 42.8341,
47.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B1B1
RGB	167, 177, 177
RGB Percent	65%, 69%, 69%
CMY	0.3451, 0.3059, 0.3059
CMYK	0.06, 0.00, 0.00, 0.31
HSL	180°, 6%, 67%
HSV	180°, 6%, 69%
XYZ	39.5943, 42.8341, 47.7759
YIQ	174.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

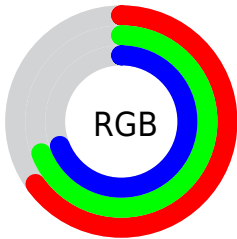
Format	Color
RYB	167, 172, 177
Decimal	10990001
CIELab	71.44, -3.48, -1.22
CIELCh	71, 3.689, 199.234
Yxy	42.8341, 0.3041, 0.3290
Android (android.graphics.Color)	4289180081 (0xFFA7B1B1)
YUV	174.0100, 1.4741, -6.1478
Hunter-Lab	65.4478, -6.5454, 2.5326

Details

The XYZ color **39.5943, 42.8341, 47.7759** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9268, 39.7757, 42.1871**, and the grayscale version is **40.2331, 42.3284, 46.0956**.

A 20% lighter version of the original color is **73.9711, 79.6906, 88.5739**, and **17.9160, 19.5154, 21.8914** is the 20% darker color. If you saturate the color by 10%, you get **36.1078, 41.0380, 47.6109**, and if you desaturate by 10%, it is **43.5951, 44.8977, 47.9667**.

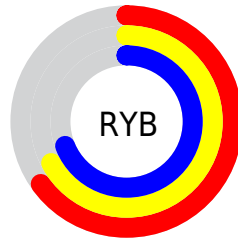
Distribution



Red (65%)

Green (69%)

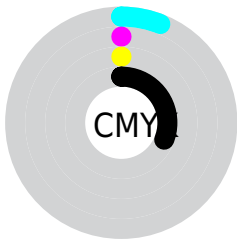
Blue (69%)



Red (65%)

Yellow (67%)

Blue (69%)

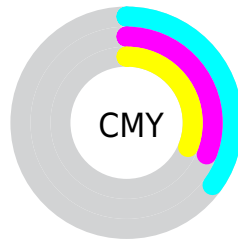


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5943, 42.8341, 47.7759 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 39.5943, 42.8341, 47.7759 by changing the saturation by 10% instead.

■ 39.5943, 42.8341,
47.7759

■ 39.5943, 42.8341,
47.7759

335.5745,
357.9291, 394.3862

■ 27.4052, 29.7550,
33.2907

■ 73.8336, 79.4605,
88.2327

■ 18.0159, 19.6527,
22.0763

■ 96.6145, 103.7765,
115.0414

■ 11.0612, 12.1428,
13.7141

123.6567,
132.6069, 146.7951

■ 6.1756, 6.8410,
7.7856

155.3255,
166.3361, 183.9122

■ 2.9938, 3.3629,
3.8723

191.9863,
205.3486, 226.8114

■ 1.1505, 1.3240,
1.5555

234.0045,

■ 0.0667, 0.1597,

250.0286, 275.9110

0.2588

281.7455,
300.7606, 331.6298

■ 0.0000, 0.0000,
0.0000

■ 39.5943, 42.8341,
47.7759

■ 39.5943, 42.8341,
47.7759

■ 36.1078, 41.0380,
47.6109

■ 43.5951, 44.8977,
47.9667

■ 33.1112, 39.4933,
47.4680

■ 48.1260, 47.2334,
48.1814

■ 30.5838, 38.1904,
47.3470

■ 53.2067, 49.8526,
48.4219

■ 28.5017, 37.1171,
47.2469

■ 58.8547, 52.7642,
48.6889

■ 26.8393, 36.2601,
47.1664

■ 64.9015, 55.8813,
48.9746

■ 25.5679, 35.6048,
47.1042

■ 64.9020, 55.8815,
48.9773

■ 24.6557, 35.1346,
47.0588

■ 64.9025, 55.8817,
48.9800

■ 24.0655, 34.8304,
47.0285

■ 64.9030, 55.8819,
48.9828

■ 23.7506, 34.6681,
47.0111

■ 64.9035, 55.8821,
48.9855

Harmonies

Analogous

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



39.5495, 42.8341, 46.0025



39.5943, 42.8341, 47.7759



39.9370, 42.8341, 49.2802

Triad

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



39.5943, 42.8341, 47.7759



41.6246, 42.8341, 48.9103



40.9362, 42.8341, 43.3561

Complementary

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



39.5943, 42.8341, 47.7759



38.9268, 39.7757, 42.1871

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.



41.4981, 42.8341, 44.0940



39.5943, 42.8341, 47.7759



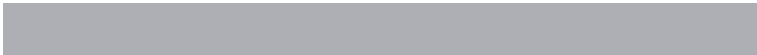
41.8982, 42.8341, 47.2815

Square

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



39.5943, 42.8341, 47.7759



41.1076, 42.8341, 49.9466



41.8516, 42.8341, 45.5204



40.3200, 42.8341, 43.4809

Rectangle

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



39.5943, 42.8341, 47.7759



40.2902, 42.8341, 49.9138



41.8516, 42.8341, 45.5204



41.1378, 42.8341, 43.5108

Sweetspot

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



39.5955, 42.8359, 47.7768



73.3938, 77.9939, 85.6804



38.6700, 42.4698, 42.7192



15.9225, 16.9112, 18.5691



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.5955, 42.8359, 47.7768



69.9369, 76.2119, 85.5161



38.6577, 40.9597, 47.4657



8.8961, 9.7107, 10.9113



17.1373, 25.0809, 34.0555



0.5392, 0.7892, 1.0717

Inverse Universe

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



38.9268, 39.7757, 42.1871



68.4428, 69.3745, 73.0271



39.8289, 41.5803, 42.4865



8.6967, 8.7983, 9.2449



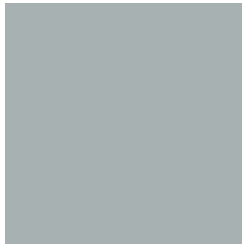
13.1371, 6.7724, 0.6161



0.4134, 0.2131, 0.0196

Previews

White Background



This preview shows how the XYZ color 39.5943, 42.8341, 47.7759 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 39.5943, 42.8341, 47.7759 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

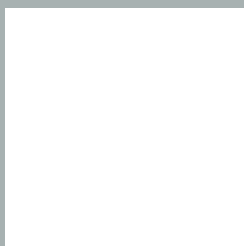
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5943, 42.8341, 47.7759

Background



This preview shows how black text looks on a background with the XYZ color 39.5943, 42.8341, 47.7759.

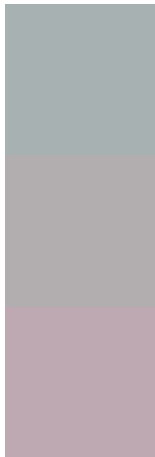


This preview shows how white text looks on a background with the XYZ color 39.5943, 42.8341,

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

39.5943, 42.8341, 47.7759

Protanopia

41.2340, 42.8322, 46.6516

Deuteranopia

43.5599, 42.5778, 48.5703



Tritanopia

40.8775, 42.7691, 54.2449

Trichromacy



Original Color

39.5943, 42.8341, 47.7759

Protanomaly

40.6220, 42.7932, 47.1932

Deuteranomaly

42.0798, 42.6645, 48.1367

Tritanomaly

40.4307, 42.8783, 52.0443

Monochromacy



Original Color

39.5943, 42.8341, 47.7759

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.8624, 42.4130, 46.6430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5943, 42.8341, 47.7759 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(167, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(167, 177, 177)  
}
```

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(167, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 177, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.5943, 42.8341, 47.7759 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(167, 177, 177) }
```


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

```
.border{ border-color:rgb(167, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(167, 177,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5943, 42.8341, 47.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 177, 177) }
```

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

```
.background{ background-color: rgb(167,  
177, 177) }
```

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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