

Converting Colors

XYZ(39.1923, 42.2554, 46.5897)

Have a look what the booklet for
XYZ(39.1923, 42.2554, 46.5897)
contains.

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Color

**XYZ(39.1995, 42.3613,
46.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B0AF
RGB	167, 176, 175
RGB Percent	65%, 69%, 69%
CMY	0.3451, 0.3098, 0.3137
CMYK	0.05, 0.00, 0.01, 0.31
HSL	173°, 5%, 67%
HSV	173°, 5%, 69%
XYZ	39.1995, 42.3613, 46.6680
YIQ	173.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

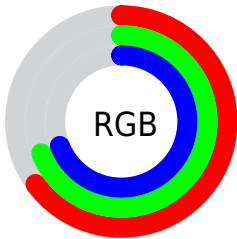
Format	Color
RYB	167, 172, 176
Decimal	10989743
CIELab	71.12, -3.34, -0.59
CIELCh	71, 3.388, 189.994
Yxy	42.3613, 0.3057, 0.3304
Android (android.graphics.Color)	4289179823 (0xFFA7B0AF)
YUV	173.1950, 0.8899, -5.4330
Hunter-Lab	65.0856, -6.3934, 3.0475

Details

The XYZ color **39.1995, 42.3613, 46.6680** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7926, 39.6957, 42.6651**, and the grayscale version is **39.8184, 41.8920, 45.6204**.

A 20% lighter version of the original color is **73.2637, 78.9560, 86.2415**, and **17.8530, 19.4902, 21.5599** is the 20% darker color. If you saturate the color by 10%, you get **35.5406, 40.4983, 45.4997**, and if you desaturate by 10%, it is **43.3697, 44.4899, 47.8766**.

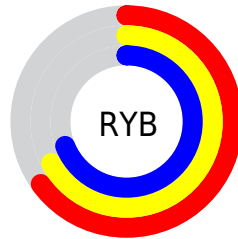
Distribution



Red (65%)

Green (69%)

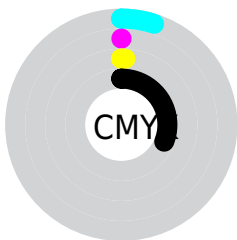
Blue (69%)



Red (65%)

Yellow (67%)

Blue (69%)

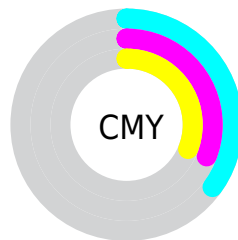


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (35%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1995, 42.3613, 46.6680 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 39.1995, 42.3613, 46.6680 by changing the saturation by 10% instead.

■ 39.1995, 42.3613,
46.6680

■ 39.1995, 42.3613,
46.6680

333.9305,
355.9785, 389.8431

■ 27.0964, 29.3843,
32.4208

■ 73.2351, 78.7461,
86.5626

■ 17.7826, 19.3717,
21.4156

■ 95.8983, 102.9228,
113.0471

■ 10.8927, 11.9392,
13.2340

122.8123,
131.6014, 144.4478

■ 6.0615, 6.7023,
7.4572

154.3423,
165.1665, 181.1833

■ 2.9235, 3.2766,
3.6669

190.8538,
204.0023, 223.6720

■ 1.1135, 1.2778,
1.4445

232.7121,

■ 0.0363, 0.1239,

248.4933, 272.3325

0.1760

280.2825,
299.0239, 327.5833

■ 0.0000, 0.0000,
0.0000

■ 39.1995, 42.3613,
46.6680

■ 39.1995, 42.3613,
46.6680

■ 35.5406, 40.4983,
45.4997

■ 43.3697, 44.4899,
47.8766

■ 32.3690, 38.8851,
44.3679

■ 48.0667, 46.8886,
49.1236

■ 29.6643, 37.5122,
43.2723

■ 53.3100, 49.5685,
50.4109

■ 27.4031, 36.3677,
42.2120

■ 59.1167, 52.5386,
51.7393

■ 25.5602, 35.4384,
41.1856

■ 65.5024, 55.8068,
53.1097

■ 24.1075, 34.7100,
40.1917

■ 65.7105, 55.8901,
54.2059

■ 23.0138, 34.1664,
39.2288

■ 65.9216, 55.9745,
55.3171

■ 22.2429, 33.7888,
38.2953

■ 66.1355, 56.0600,
56.4435

■ 21.7501, 33.5543,
37.3888

■ 66.3523, 56.1467,
57.5851

Harmonies

Analogous

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



39.2479, 42.3613, 45.0648



39.1995, 42.3613, 46.6680



39.4341, 42.3613, 48.1592

Triad

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



39.1995, 42.3613, 46.6680



40.9676, 42.3613, 48.5567



40.6371, 42.3613, 43.2535

Complementary

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



39.1995, 42.3613, 46.6680



38.7926, 39.6957, 42.6651

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.



41.1037, 42.3613, 44.1474



39.1995, 42.3613, 46.6680



41.2958, 42.3613, 47.2002

Square

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



39.1995, 42.3613, 46.6680



40.4526, 42.3613, 49.2664



41.3459, 42.3613, 45.5847



40.0743, 42.3613, 43.1186

Rectangle

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



39.1995, 42.3613, 46.6680



39.7207, 42.3613, 48.8799



41.3459, 42.3613, 45.5847



40.8105, 42.3613, 43.4742

Sweetspot

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



39.2007, 42.3631, 46.6689



73.3224, 77.9653, 85.3048



38.6607, 42.1728, 42.6622



15.9079, 16.9054, 18.4922



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.



39.2007, 42.3631, 46.6689



70.3960, 76.4731, 84.4247



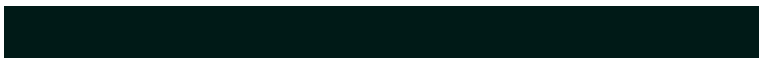
38.6314, 41.0663, 46.9670



8.9452, 9.7394, 10.7617



15.8322, 24.5588, 27.1828



0.5097, 0.7773, 0.9160

Inverse Universe

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



38.7926, 39.6957, 42.6651



69.5184, 70.7374, 75.8153



39.3402, 40.9399, 42.3884



8.8257, 8.9585, 9.5897



13.2384, 6.8129, 1.1493



0.4289, 0.2193, 0.1013

Previews

White Background



This preview shows how the XYZ color 39.1995, 42.3613, 46.6680 looks on a white background.

Color Contrast Check

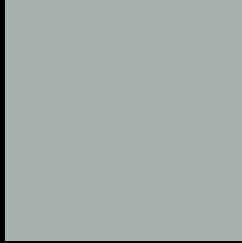
Large Text (above 18pt) WCAG AA × Fail

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 39.1995, 42.3613, 46.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

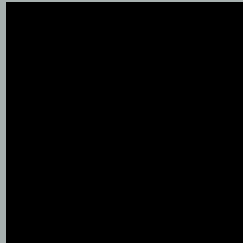
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

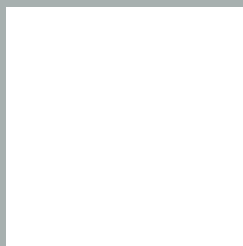
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1995, 42.3613, 46.6680

Background



This preview shows how black text looks on a background with the XYZ color 39.1995, 42.3613, 46.6680.

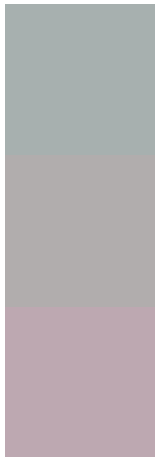


This preview shows how white text looks on a background with the XYZ color 39.1995, 42.3613,

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

39.1995, 42.3613, 46.6680

Protanopia

40.6179, 42.2514, 45.5497

Deuteranopia

42.9247, 41.9984, 47.4391



Tritanopia

40.5753, 42.3380, 53.6104

Trichromacy



Original Color

39.1995, 42.3613, 46.6680

Protanomaly

40.0096, 42.2123, 46.0835

Deuteranomaly

41.4554, 42.0842, 47.0124

Tritanomaly

40.0257, 42.4037, 50.8749

Monochromacy



Original Color

39.1995, 42.3613, 46.6680

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5706, 41.9860, 46.0629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1995, 42.3613, 46.6680 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, 176, 175) looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 175)  
}
```

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, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.1995, 42.3613, 46.6680 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, 176, 175) }
```


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

```
.border{ border-color:rgb(167, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(167, 176,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1995, 42.3613, 46.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 175) }
```

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

```
.background{ background-color: rgb(167,  
176, 175) }
```

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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