

Converting Colors

XYZ(39.6880, 42.3121, 40.4376)

Have a look what the booklet for
XYZ(39.6880, 42.3121, 40.4376)
contains.

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Color

**XYZ(39.5621, 42.1108,
40.2255)**

Conversions

Conversions Part 1	
Format	Color
Hex	B0AEA2
RGB	176, 174, 162
RGB Percent	69%, 68%, 64%
CMY	0.3098, 0.3176, 0.3647
CMYK	0.00, 0.01, 0.08, 0.31
HSL	51°, 8%, 66%
HSV	51°, 8%, 69%
XYZ	39.5621, 42.1108, 40.2255
YIQ	173.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

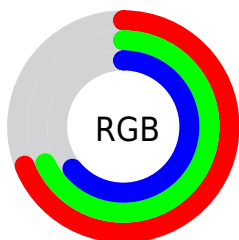
Format	Color
RYB	164, 176, 162
Decimal	11579042
CIELab	70.95, -1.45, 6.40
CIELCh	71, 6.563, 102.769
Yxy	42.1108, 0.3245, 0.3455
Android (android.graphics.Color)	4289769122 (0xFFB0AEA2)
YUV	173.2300, -5.5364, 2.4293
Hunter-Lab	64.8928, -4.7394, 8.6725

Details

The XYZ color **39.5621, 42.1108, 40.2255** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0122, 37.3663, 46.3891**, and the grayscale version is **39.8643, 41.9404, 45.6731**.

A 20% lighter version of the original color is **73.8224, 78.2042, 76.8497**, and **17.9424, 19.2558, 17.5229** is the 20% darker color. If you saturate the color by 10%, you get **37.6259, 40.5690, 32.3942**, and if you desaturate by 10%, it is **41.7287, 43.7620, 49.2150**.

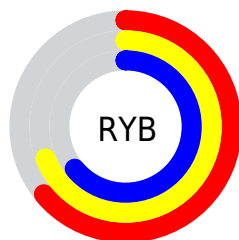
Distribution



Red (69%)

Green (68%)

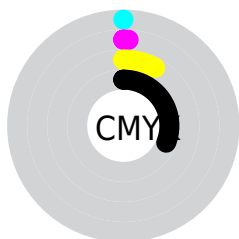
Blue (64%)



Red (64%)

Yellow (69%)

Blue (64%)

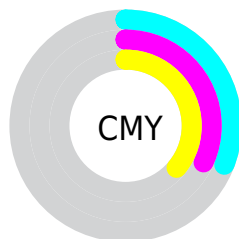


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (31%)



Cyan (31%)

Magenta (32%)


Yellow (36%)


Brightness & Saturation

Gradients


These gradients show how the XYZ color 39.5621, 42.1108, 40.2255 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 39.5621, 42.1108, 40.2255 by changing the saturation by 10% instead.


 39.5621, 42.1108,
40.2255


 39.5621, 42.1108,
40.2255


335.4406,
354.9420, 362.6534

 27.3800, 29.1881,
27.3993


 73.7848, 78.3673,
76.7476

 17.9969, 19.2231,
17.6382


 96.5561, 102.4698,
101.2806

 11.0474, 11.8316,
10.5238


123.5879,
131.0678, 130.5529

 6.1663, 6.6291,
5.6375

155.2454,
164.5455, 164.9831

 2.9881, 3.2313,
2.5607

191.8941,
203.2874, 204.9897

 1.1475, 1.2536,
0.8721


233.8993,

 0.0643, 0.1049,

247.6778, 250.9913


0.0000


281.6263,
298.1012, 303.4063

 0.0000, 0.0000,
0.0000


 39.5621, 42.1108,
40.2255


 39.5621, 42.1108,
40.2255

 37.6259, 40.5690,
32.3942


 41.7287, 43.7620,
49.2150


 35.9075, 39.1274,
25.6706


 44.1308, 45.5206,
59.4049


 34.3984, 37.7839,
20.0049

 46.7776, 47.3917,
70.8385

 33.0881, 36.5341,
15.3419

 49.6770, 49.3786,
83.5562

 31.9651, 35.3734,
11.6218

 52.8362, 51.4842,
97.5966

■ 31.0169, 34.2968,
8.7782

■ 54.1661, 52.8730,
101.9584

■ 30.2291, 33.2983,
6.7362

■ 54.7110, 53.9628,
102.1400

■ 29.5850, 32.3713,
5.4083

■ 55.2652, 55.0713,
102.3248

■ 29.0578, 31.5049,
4.6529

■ 55.8289, 56.1987,
102.5127

Harmonies

Analogous

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



40.6512, 42.1108, 40.3368



39.5621, 42.1108, 40.2255



38.6141, 42.1108, 41.5712

Triad

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



39.5621, 42.1108, 40.2255



38.5012, 42.1108, 50.0636



42.0672, 42.1108, 47.6587

Complementary

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



39.5621, 42.1108, 40.2255



36.0122, 37.3663, 46.3891

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.



41.4700, 42.1108, 50.4159



39.5621, 42.1108, 40.2255



39.4054, 42.1108, 51.8472

Square

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



39.5621, 42.1108, 40.2255



38.0091, 42.1108, 47.1954



40.4916, 42.1108, 51.9790



42.1110, 42.1108, 44.5333

Rectangle

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



39.5621, 42.1108, 40.2255



38.1843, 42.1108, 43.1507



40.4916, 42.1108, 51.9790



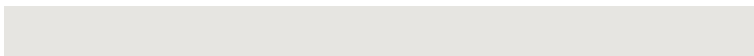
41.9240, 42.1108, 48.6627

Sweetspot

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



39.5633, 42.1126, 40.2264



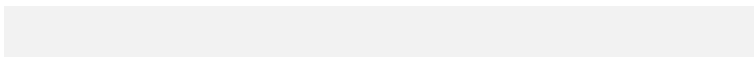
74.0278, 78.1248, 82.3477



37.5352, 37.7553, 40.4791



16.0525, 16.9381, 17.8857



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.



39.5633, 42.1126, 40.2264



70.9386, 75.7397, 69.6238



38.8638, 42.3289, 40.3050



9.0917, 9.6959, 9.0448



21.2774, 23.0534, 3.3283



0.6976, 0.7817, 0.1141

Inverse Universe

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



36.0122, 37.3663, 46.3891



62.8223, 64.8916, 83.7095



36.6726, 37.1805, 46.3184



8.1365, 8.4192, 10.7026



6.0332, 2.8669, 30.3724



0.2204, 0.1513, 0.9658

Previews

White Background



This preview shows how the XYZ color 39.5621, 42.1108, 40.2255 looks on a white background.

Color Contrast Check

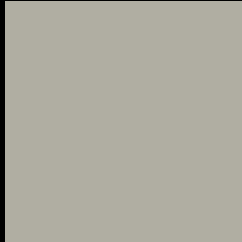
Large Text (above 18pt) WCAG AA × Fail

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 39.5621, 42.1108, 40.2255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

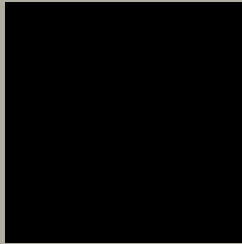
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

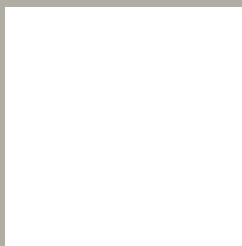
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5621, 42.1108, 40.2255

Background



This preview shows how black text looks on a background with the XYZ color 39.5621, 42.1108, 40.2255.



This preview shows how white text looks on a background with the XYZ color 39.5621, 42.1108,

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

39.5621, 42.1108, 40.2255

Protanopia

40.1990, 42.1636, 39.7379

Deuteranopia

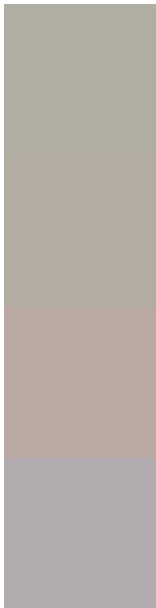
42.8616, 42.1189, 40.5210



Tritanopia

41.8050, 42.1702, 51.2837

Trichromacy



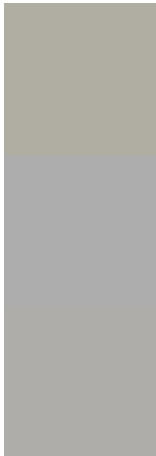
Original Color
39.5621, 42.1108, 40.2255

Protanomaly
39.9670, 42.0441, 39.7270

Deuteranomaly
41.4791, 41.9586, 40.5630

Tritanomaly
40.9491, 42.1046, 47.0430

Monochromacy



Original Color
39.5621, 42.1108, 40.2255

Achromatopsia
39.7200, 41.7885, 45.5077

Achromatomaly
39.5606, 41.7504, 43.5097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5621, 42.1108, 40.2255 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(176, 174, 162) looks like.

```
.text, #text, p{  
    color:rgb(176, 174, 162)  
}
```

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(176, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 174, 162) }
```

Border

The CSS property to change the border of an element to XYZ 39.5621, 42.1108, 40.2255 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(176, 174, 162) }
```

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

```
.border{ border-color:rgb(176, 174, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 174, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 174,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5621, 42.1108, 40.2255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 174, 162) }
```

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

```
.background{ background-color: rgb(176,  
174, 162) }
```

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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