

Converting Colors

XYZ(36.6278, 39.6426, 39.3442)

Have a look what the booklet for
XYZ(36.6278, 39.6426, 39.3442)
contains.

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Color

**XYZ(36.7218, 39.8060,
39.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	A6ABA1
RGB	166, 171, 161
RGB Percent	65%, 67%, 63%
CMY	0.3490, 0.3294, 0.3686
CMYK	0.03, 0.00, 0.06, 0.33
HSL	90°, 6%, 65%
HSV	90°, 6%, 67%
XYZ	36.7218, 39.8060, 39.4661
YIQ	168.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

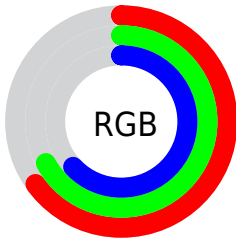
Format	Color
RYB	161, 171, 166
Decimal	10922913
CIELab	69.33, -3.64, 4.52
CIELCh	69, 5.807, 128.836
Yxy	39.8060, 0.3166, 0.3432
Android (android.graphics.Color)	4289112993 (0xFFA6ABA1)
YUV	168.3650, -3.6309, -2.0741
Hunter-Lab	63.0920, -6.5176, 7.0766

Details

The XYZ color **36.7218, 39.8060, 39.4661** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8230, 36.5381, 43.6946**, and the grayscale version is **37.4170, 39.3656, 42.8691**.

A 20% lighter version of the original color is **69.4098, 74.7227, 75.7304**, and **16.3507, 17.8968, 17.3445** is the 20% darker color. If you saturate the color by 10%, you get **33.5823, 38.3512, 31.9784**, and if you desaturate by 10%, it is **40.1891, 41.4083, 48.0474**.

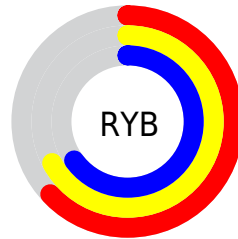
Distribution



Red (65%)

Green (67%)

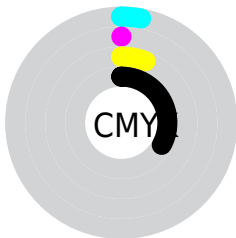
Blue (63%)



Red (63%)

Yellow (67%)

Blue (65%)

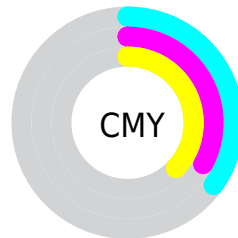


Cyan (3%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7218, 39.8060, 39.4661 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 36.7218, 39.8060, 39.4661 by changing the saturation by 10% instead.

■ 36.7218, 39.8060,
39.4661

■ 36.7218, 39.8060,
39.4661

323.4810,
345.3052, 359.3531

■ 25.1649, 27.3873,
26.8119

■ 69.4613, 74.8680,
75.5780

■ 16.3293, 17.8643,
17.2008

■ 91.3746, 98.2801,
99.8728

■ 9.8498, 10.8526,
10.2143

117.4707,
126.1255, 128.8848

■ 5.3610, 5.9678,
5.4338

148.1150,
158.7885, 163.0327

■ 2.4975, 2.8255,
2.4408

183.6728,
196.6536, 202.7349

■ 0.8940, 1.0413,
0.8085

224.5095,

■ 0.0000, 0.0000,

240.1052, 248.4100

0.0000

270.9904,
289.5276, 300.4765

■ 36.7218, 39.8060,
39.4661

■ 36.7218, 39.8060,
39.4661

■ 33.5823, 38.3512,
31.9784

■ 40.1891, 41.4083,
48.0474

■ 30.7567, 37.0341,
25.5378

■ 43.9909, 43.1571,
57.7612

■ 28.2347, 35.8518,
20.0983

■ 48.1379, 45.0583,
68.6476

■ 26.0044, 34.7991,
15.6095

■ 52.6394, 47.1159,
80.7439

■ 24.0529, 33.8705,
12.0165

■ 57.5042, 49.3335,
94.0859

■ 22.3661, 33.0602,
9.2588

■ 61.3242, 51.1482,
101.2482

■ 20.9283, 32.3616,
7.2686

■ 63.9380, 52.4956,
101.3705

■ 19.7219, 31.7673,
5.9672

■ 66.6856, 53.9121,
101.4991

■ 18.7245, 31.2679,
5.2522

■ 69.5688, 55.3984,
101.6340

Harmonies

Analogous

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



37.5598, 39.8060, 38.4661



36.7218, 39.8060, 39.4661



36.1878, 39.8060, 41.5154

Triad

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



36.7218, 39.8060, 39.4661



37.1911, 39.8060, 48.3061



39.6328, 39.8060, 42.5585

Complementary

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



36.7218, 39.8060, 39.4661



35.8230, 36.5381, 43.6946

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.



39.5302, 39.8060, 45.2213



36.7218, 39.8060, 39.4661



38.1103, 39.8060, 48.6133

Square

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



36.7218, 39.8060, 39.4661



36.4557, 39.8060, 46.6405



38.9693, 39.8060, 47.4636



39.2475, 39.8060, 40.2028

Rectangle

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



36.7218, 39.8060, 39.4661



36.0710, 39.8060, 43.2378



38.9693, 39.8060, 47.4636



39.6544, 39.8060, 43.4463

Sweetspot

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



36.7229, 39.8077, 39.4670



68.0632, 72.3523, 76.3057



36.8653, 38.5051, 39.2080



15.1937, 16.1419, 17.0542



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



36.7229, 39.8077, 39.4670



65.0167, 70.9433, 68.8635



35.6950, 39.2778, 39.4189



8.4109, 9.1931, 8.8749



13.8955, 23.4605, 3.7960



0.4497, 0.6852, 0.1086

Inverse Universe

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



35.8230, 36.5381, 43.6946



63.0705, 63.8724, 78.0063



36.8917, 37.0890, 43.7446



8.1474, 8.2357, 10.1129



8.4627, 3.7225, 29.3170



0.2986, 0.1361, 0.8185

Previews

White Background



This preview shows how the XYZ color 36.7218, 39.8060, 39.4661 looks on a white background.

Color Contrast Check

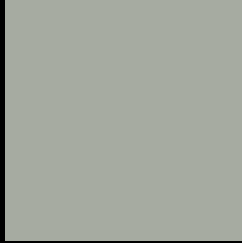
Large Text (above 18pt) WCAG AA × Fail

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 36.7218, 39.8060, 39.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

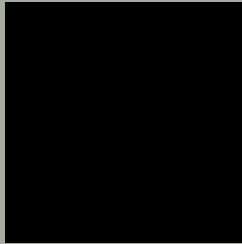
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

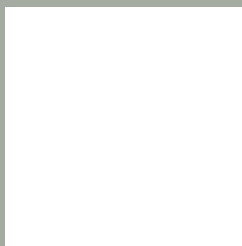
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.7218, 39.8060, 39.4661

Background



This preview shows how black text looks on a background with the XYZ color 36.7218, 39.8060, 39.4661.



This preview shows how white text looks on a background with the XYZ color 36.7218, 39.8060,

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

36.7218, 39.8060, 39.4661

Protanopia

37.8034, 39.5420, 38.8976

Deuteranopia

40.4471, 39.5301, 40.1486



Tritanopia

38.7053, 39.7765, 49.3537

Trichromacy



Original Color

36.7218, 39.8060, 39.4661

Protanomaly

37.3277, 39.5719, 38.9285

Deuteranomaly

38.9802, 39.5844, 39.7685

Tritanomaly

37.9764, 39.7568, 45.7166

Monochromacy



Original Color

36.7218, 39.8060, 39.4661

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.9158, 39.3080, 41.2388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7218, 39.8060, 39.4661 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(166, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(166, 171, 161)  
}
```

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(166, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 171, 161) }
```

Border

The CSS property to change the border of an element to XYZ 36.7218, 39.8060, 39.4661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

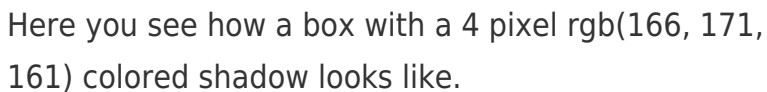
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 171, 161) }
```


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

```
.border{ border-color:rgb(166, 171, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 171, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 171, 161); box-shadow:4px 4px 4px 4px rgb(166, 171, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7218, 39.8060, 39.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 171, 161) }
```

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

```
.background{ background-color: rgb(166,  
171, 161) }
```

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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