

Converting Colors

XYZ(36.6908, 39.5762, 43.8773)

Have a look what the booklet for
XYZ(36.6908, 39.5762, 43.8773)
contains.

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Color

**XYZ(36.7189, 39.7095,
43.7596)**

Conversions

Conversions Part 1

Format	Color
Hex	A2ABAA
RGB	162, 171, 170
RGB Percent	64%, 67%, 67%
CMY	0.3647, 0.3294, 0.3333
CMYK	0.05, 0.00, 0.01, 0.33
HSL	173°, 5%, 65%
HSV	173°, 5%, 67%
XYZ	36.7189, 39.7095, 43.7596
YIQ	168.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

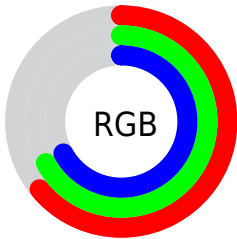
Format	Color
R _{YB}	162, 167, 171
Decimal	10660778
CIE Lab	69.26, -3.35, -0.59
CIE LCh	69, 3.405, 189.979
Yxy	39.7095, 0.3055, 0.3304
Android (android.graphics.Color)	4288850858 (0xFFA2ABAA)
YUV	168.1950, 0.8899, -5.4330
Hunter-Lab	63.0155, -6.2657, 2.9383

Details

The XYZ color **36.7189, 39.7095, 43.7596** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3272, 37.1440, 39.9071**, and the grayscale version is **37.3137, 39.2569, 42.7508**.

A 20% lighter version of the original color is **69.4022, 74.5807, 81.9718**, and **16.2972, 17.8167, 19.7195** is the 20% darker color. If you saturate the color by 10%, you get **33.3001, 37.9688, 42.6665**, and if you desaturate by 10%, it is **40.6150, 41.6981, 44.8904**.

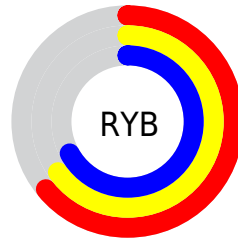
Distribution



Red (64%)

Green (67%)

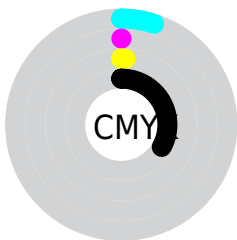
Blue (67%)



Red (64%)

Yellow (65%)

Blue (67%)

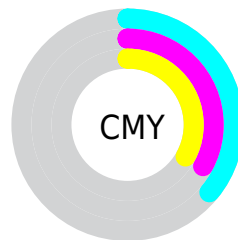


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7189, 39.7095, 43.7596 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 36.7189, 39.7095, 43.7596 by changing the saturation by 10% instead.

■ 36.7189, 39.7095,
43.7596

■ 36.7189, 39.7095,
43.7596

323.4686,
344.8976, 377.7390

■ 25.1626, 27.3121,
30.1458

■ 69.4569, 74.7209,
82.1545

■ 16.3276, 17.8078,
19.6963

■ 91.3693, 98.1038,
107.7726

■ 9.8486, 10.8121,
11.9926

117.4644,
125.9173, 138.2293

■ 5.3602, 5.9406,
6.6161

148.1076,
158.5458, 173.9429

■ 2.4970, 2.8090,
3.1484

183.6643,
196.3736, 215.3322

■ 0.8938, 1.0328,
1.1709

224.4998,

■ 0.0000, 0.0000,

239.7853, 262.8156

0.0000

270.9794,
289.1652, 316.8117

■ 36.7189, 39.7095,
43.7596

■ 36.7189, 39.7095,
43.7596

■ 33.3001, 37.9688,
42.6665

■ 40.6150, 41.6981,
44.8904

■ 30.3363, 36.4613,
41.6074

■ 45.0028, 43.9389,
46.0570

■ 27.8083, 35.1781,
40.5822

■ 49.9004, 46.4421,
47.2612

■ 25.6944, 34.1082,
39.5899

■ 55.3241, 49.2162,
48.5039

■ 23.9710, 33.2392,
38.6292

■ 61.2891, 52.2691,
49.7857

■ 22.6119, 32.5578,
37.6989

■ 64.1884, 53.7412,
50.9380

■ 21.5882, 32.0489,
36.7977

■ 64.3859, 53.8202,
51.9778

■ 20.8659, 31.6951,
35.9237

■ 64.5860, 53.9003,
53.0318

■ 20.4030, 31.4748,
35.0751

■ 64.7889, 53.9814,
54.0999

Harmonies

Analogous

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



36.7656, 39.7095, 42.2164



36.7189, 39.7095, 43.7596



36.9445, 39.7095, 45.1961

Triad

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



36.7189, 39.7095, 43.7596



38.4207, 39.7095, 45.5802



38.1030, 39.7095, 40.4750

Complementary

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



36.7189, 39.7095, 43.7596



36.3272, 37.1440, 39.9071

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.



38.5523, 39.7095, 41.3351



36.7189, 39.7095, 43.7596



38.7370, 39.7095, 44.2737

Square

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



36.7189, 39.7095, 43.7596



37.9248, 39.7095, 46.2639



38.7853, 39.7095, 42.7184



37.5612, 39.7095, 40.3449

Rectangle

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



36.7189, 39.7095, 43.7596



37.2203, 39.7095, 45.8908



38.7853, 39.7095, 42.7184



38.2700, 39.7095, 40.6874

Sweetspot

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



36.7200, 39.7112, 43.7605



67.9183, 72.2174, 79.0151



36.2002, 39.5280, 39.9047



15.1630, 16.1134, 17.6257



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.



36.7200, 39.7112, 43.7605



65.2127, 70.8379, 78.2014



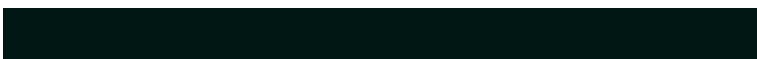
36.1719, 38.4624, 44.0476



8.4264, 9.1733, 10.1357



15.2598, 23.6692, 26.2057



0.4352, 0.6627, 0.7853

Inverse Universe

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



36.3272, 37.1440, 39.9071



64.4014, 65.5352, 70.2422



36.8540, 38.3408, 39.6411



8.3144, 8.4407, 9.0361



12.7600, 6.5665, 1.1154



0.3662, 0.1872, 0.0902

Previews

White Background



This preview shows how the XYZ color 36.7189, 39.7095, 43.7596 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 36.7189, 39.7095, 43.7596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

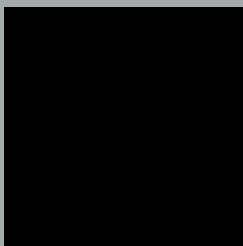
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

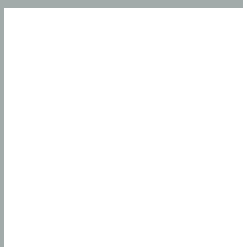
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.7189, 39.7095, 43.7596

Background



This preview shows how black text looks on a background with the XYZ color 36.7189, 39.7095, 43.7596.



This preview shows how white text looks on a background with the XYZ color 36.7189, 39.7095,

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

36.7189, 39.7095, 43.7596

Protanopia

38.0838, 39.6031, 42.6827

Deuteranopia

40.3933, 39.6815, 44.0584



Tritanopia

37.9413, 39.6458, 49.9087

Trichromacy



Original Color

36.7189, 39.7095, 43.7596

Protanomaly

37.4978, 39.5653, 43.1966

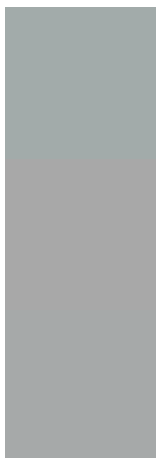
Deuteranomaly

39.0739, 39.8078, 44.1523

Tritanomaly

37.5149, 39.7503, 47.8148

Monochromacy



Original Color

36.7189, 39.7095, 43.7596

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0753, 39.3475, 43.1769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7189, 39.7095, 43.7596 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(162, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(162, 171, 170)  
}
```

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(162, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 171, 170) }
```

Border

The CSS property to change the border of an element to XYZ 36.7189, 39.7095, 43.7596 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(162, 171, 170) }
```


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

```
.border{ border-color:rgb(162, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(162, 171,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7189, 39.7095, 43.7596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 171, 170) }
```

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

```
.background{ background-color: rgb(162,  
171, 170) }
```

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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