

Converting Colors

XYZ(36.9212, 39.2435, 43.1045)

Have a look what the booklet for
XYZ(36.9212, 39.2435, 43.1045)
contains.

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Color

**XYZ(36.8664, 39.2398,
43.1671)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A9A9
RGB	165, 169, 169
RGB Percent	65%, 66%, 66%
CMY	0.3529, 0.3372, 0.3373
CMYK	0.02, 0.00, 0.00, 0.34
HSL	180°, 2%, 65%
HSV	180°, 2%, 66%
XYZ	36.8664, 39.2398, 43.1671
YIQ	167.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

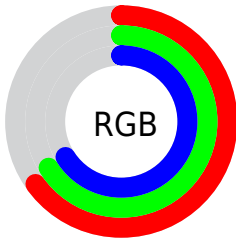
Format	Color
R_{YB}	165, 167, 169
Decimal	10856873
CIE _{Lab}	68.92, -1.41, -0.50
CIE _{LCh}	69, 1.499, 199.602
Yxy	39.2398, 0.3091, 0.3290
Android (android.graphics.Color)	4289046953 (0xFFA5A9A9)
YUV	167.8040, 0.5896, -2.4591
Hunter-Lab	62.6417, -4.5706, 2.9918

Details

The XYZ color **36.8664, 39.2398, 43.1671** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6102, 38.0628, 41.0164**, and the grayscale version is **37.1223, 39.0555, 42.5314**.

A 20% lighter version of the original color is **69.6254, 73.9088, 81.1172**, and **16.3822, 17.5176, 19.3474** is the 20% darker color. If you saturate the color by 10%, you get **33.5801, 37.5469, 43.0084**, and if you desaturate by 10%, it is **40.6195, 41.1756, 43.3492**.

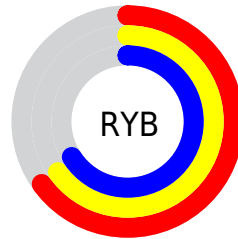
Distribution



Red (65%)

Green (66%)

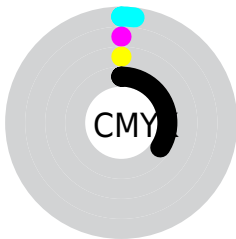
Blue (66%)



Red (65%)

Yellow (65%)

Blue (66%)

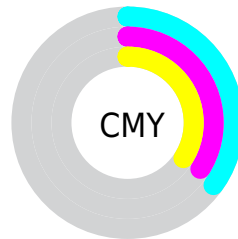


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8664, 39.2398, 43.1671 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 36.8664, 39.2398, 43.1671 by changing the saturation by 10% instead.

■ 36.8664, 39.2398,
43.1671

■ 36.8664, 39.2398,
43.1671

324.0973,
342.9089, 375.2399

■ 25.2773, 26.9463,
29.6839

■ 69.6824, 74.0045,
81.2520

■ 16.4136, 17.5329,
19.3488

■ 91.6400, 97.2445,
106.6908

■ 9.9100, 10.6152,
11.7432

117.7845,
124.9022, 136.9518

■ 5.4011, 5.8087,
6.4486

148.4812,
157.3619, 172.4537

■ 2.5216, 2.7291,
3.0466

184.0955,
195.0080, 213.6149

■ 0.9062, 0.9920,
1.1185

224.9927,

■ 0.0000, 0.0000,

238.2250, 260.8539

0.0000

271.5382,
287.3972, 314.5894

■ 36.8664, 39.2398,
43.1671

■ 36.8664, 39.2398,
43.1671

■ 33.5801, 37.5469,
43.0084

■ 40.6195, 41.1756,
43.3492

■ 30.7392, 36.0825,
42.8698

■ 44.8531, 43.3579,
43.5531

■ 28.3255, 34.8383,
42.7511

■ 49.5845, 45.7970,
43.7802

■ 26.3183, 33.8037,
42.6515

■ 54.8293, 48.5006,
44.0314

■ 24.6954, 32.9671,
42.5698

■ 60.6022, 51.4765,
44.3072

■ 23.4320, 32.3160,
42.5050

■ 62.5968, 52.5047,
44.4063

■ 22.5010, 31.8362,
42.4557

■ 62.5979, 52.5051,
44.4120

■ 21.8711, 31.5115,
42.4206

■ 62.5990, 52.5055,
44.4178

■ 21.5049, 31.3229,
42.3977

■ 62.6001, 52.5060,
44.4235

Harmonies

Analogous

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



36.8475, 39.2398, 42.4891



36.8664, 39.2398, 43.1671



37.0002, 39.2398, 43.7323

Triad

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



36.8664, 39.2398, 43.1671



37.6462, 39.2398, 43.5813



37.3790, 39.2398, 41.4481

Complementary

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



36.8664, 39.2398, 43.1671



36.6102, 38.0628, 41.0164

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.



37.5939, 39.2398, 41.7342



36.8664, 39.2398, 43.1671



37.7486, 39.2398, 42.9627

Square

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



36.8664, 39.2398, 43.1671



37.4501, 39.2398, 43.9733



37.7294, 39.2398, 42.2869



37.1428, 39.2398, 41.5015

Rectangle

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



36.8664, 39.2398, 43.1671



37.1368, 39.2398, 43.9669



37.7294, 39.2398, 42.2869



37.4561, 39.2398, 41.5076

Sweetspot

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



36.8675, 39.2415, 43.1680



66.8825, 70.7180, 77.3489



36.5115, 39.1007, 41.2206



14.5855, 15.4176, 16.8591



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



36.8675, 39.2415, 43.1680



65.5947, 70.0542, 77.2866



36.5105, 38.5270, 43.0502



8.1629, 8.7462, 9.6758



15.9036, 23.2802, 31.5886



0.3870, 0.5664, 0.7689

Inverse Universe

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



36.6102, 38.0628, 41.0164



65.0033, 67.3451, 72.3411



36.9616, 38.7660, 41.1323



8.0732, 8.3354, 8.9260



12.1952, 6.2868, 0.5736



0.2968, 0.1530, 0.0143

Previews

White Background



This preview shows how the XYZ color 36.8664, 39.2398, 43.1671 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 36.8664, 39.2398, 43.1671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

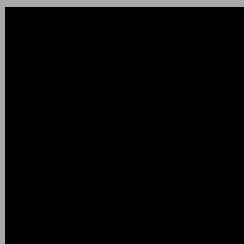
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

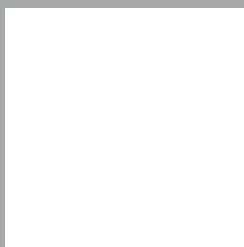
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.8664, 39.2398, 43.1671

Background



This preview shows how black text looks on a background with the XYZ color 36.8664, 39.2398, 43.1671.

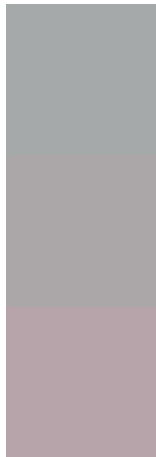


This preview shows how white text looks on a background with the XYZ color 36.8664, 39.2398,

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

36.8664, 39.2398, 43.1671

Protanopia

37.6812, 39.1225, 42.6112

Deuteranopia

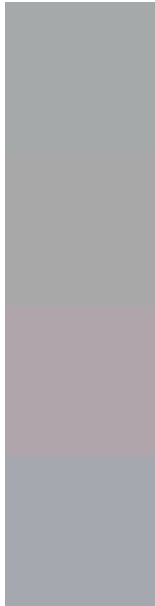
39.8813, 39.1639, 43.4876



Tritanopia

37.9933, 39.1482, 48.7339

Trichromacy



Original Color

36.8664, 39.2398, 43.1671

Protanomaly

37.4327, 39.2674, 42.6522

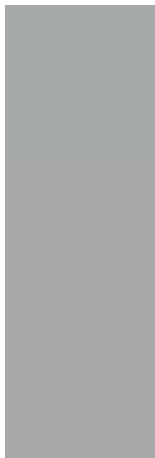
Deuteranomaly

38.6153, 39.0427, 43.5309

Tritanomaly

37.5650, 39.2468, 46.6698

Monochromacy



Original Color

36.8664, 39.2398, 43.1671

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0069, 39.0479, 42.6323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8664, 39.2398, 43.1671 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(165, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(165, 169, 169)  
}
```

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(165, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 169, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.8664, 39.2398, 43.1671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

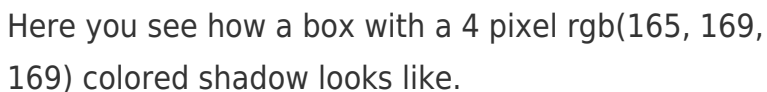
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 169, 169) }
```


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

```
.border{ border-color:rgb(165, 169, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 169, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 169, 169); box-shadow:4px 4px 4px 4px rgb(165, 169, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8664, 39.2398, 43.1671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 169, 169) }
```

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

```
.background{ background-color: rgb(165,  
169, 169) }
```

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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