

Converting Colors

XYZ(36.0111, 38.7532, 43.0957)

Have a look what the booklet for
XYZ(36.0111, 38.7532, 43.0957)
contains.

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Color

**XYZ(36.0473, 38.8176,
43.1288)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A9A9
RGB	161, 169, 169
RGB Percent	63%, 66%, 66%
CMY	0.3686, 0.3372, 0.3372
CMYK	0.05, 0.00, 0.00, 0.34
HSL	180°, 4%, 65%
HSV	180°, 5%, 66%
XYZ	36.0473, 38.8176, 43.1288
YIQ	166.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

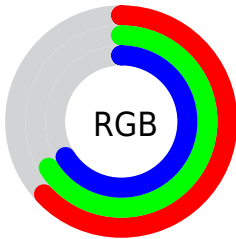
Format	Color
RYB	161, 165, 169
Decimal	10594729
CIELab	68.62, -2.81, -0.99
CIElCh	69, 2.983, 199.310
Yxy	38.8176, 0.3055, 0.3290
Android (android.graphics.Color)	4288784809 (0xFFA1A9A9)
YUV	166.6080, 1.1793, -4.9182
Hunter-Lab	62.3038, -5.7563, 2.5701

Details

The XYZ color **36.0473, 38.8176, 43.1288** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5414, 36.4989, 38.8917**, and the grayscale version is **36.5370, 38.4398, 41.8609**.

A 20% lighter version of the original color is **68.4291, 73.2921, 81.0612**, and **15.8789, 17.2581, 19.3239** is the 20% darker color. If you saturate the color by 10%, you get **32.8689, 37.1802, 42.9779**, and if you desaturate by 10%, it is **39.6883, 40.6956, 43.3030**.

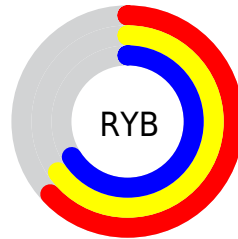
Distribution



Red (63%)

Green (66%)

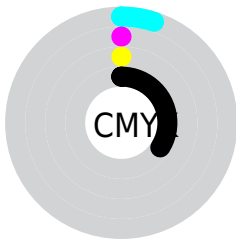
Blue (66%)



Red (63%)

Yellow (65%)

Blue (66%)

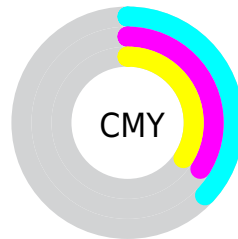


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (37%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0473, 38.8176, 43.1288 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 36.0473, 38.8176, 43.1288 by changing the saturation by 10% instead.

■ 36.0473, 38.8176,
43.1288

■ 36.0473, 38.8176,
43.1288

320.5949,
341.1144, 375.0780

■ 24.6410, 26.6179,
29.6540

■ 68.4285, 73.3596,
81.1936

■ 15.9371, 17.2864,
19.3263

■ 90.1340, 96.4706,
106.6208

■ 9.5702, 10.4389,
11.7271

116.0034,
123.9876, 136.8691

■ 5.1750, 5.6909,
6.4379

146.4020,
156.2948, 172.3572

■ 2.3861, 2.6581,
3.0401

181.6950,
193.7767, 213.5036

■ 0.8382, 0.9559,
1.1151

222.2480,

■ 0.0000, 0.0000,

236.8176, 260.7269

0.0000

268.4261,
285.8021, 314.4455

■ 36.0473, 38.8176,
43.1288

■ 36.0473, 38.8176,
43.1288

■ 32.8689, 37.1802,
42.9779

■ 39.6883, 40.6956,
43.3030

■ 30.1314, 35.7690,
42.8468

■ 43.8059, 42.8182,
43.4986

■ 27.8163, 34.5757,
42.7355

■ 48.4176, 45.1956,
43.7174

■ 25.9027, 33.5892,
42.6430

■ 53.5390, 47.8357,
43.9600

■ 24.3677, 32.7980,
42.5682

■ 59.1850, 50.7463,
44.2272

■ 23.1862, 32.1889,
42.5100

■ 62.5937, 52.5034,
44.3897

■ 22.3300, 31.7476,
42.4670

■ 62.5942, 52.5037,
44.3927

■ 21.7666, 31.4572,
42.4377

■ 62.5948, 52.5039,
44.3956

■ 21.4566, 31.2975,
42.4202

■ 62.5954, 52.5041,
44.3986

Harmonies

Analogous

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



36.0126, 38.8176, 41.7867



36.0473, 38.8176, 43.1288



36.3080, 38.8176, 44.2620

Triad

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



36.0473, 38.8176, 43.1288



37.5856, 38.8176, 43.9785



37.0631, 38.8176, 39.7693

Complementary

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



36.0473, 38.8176, 43.1288



35.5414, 36.4989, 38.8917

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.



37.4883, 38.8176, 40.3305



36.0473, 38.8176, 43.1288



37.7916, 38.8176, 42.7485

Square

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



36.0473, 38.8176, 43.1288



37.1951, 38.8176, 44.7598



37.7558, 38.8176, 41.4143



36.5965, 38.8176, 39.8662

Rectangle

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



36.0473, 38.8176, 43.1288



36.5761, 38.8176, 44.7376



37.7558, 38.8176, 41.4143



37.2157, 38.8176, 39.8867

Sweetspot

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



36.0484, 38.8192, 43.1297



66.8826, 70.7181, 77.3494



35.3469, 38.5417, 39.2949



14.5855, 15.4176, 16.8592



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.



36.0484, 38.8192, 43.1297



63.7280, 69.0919, 77.1991



35.3396, 37.4012, 42.8947



7.9512, 8.6371, 9.6660



15.9074, 23.2817, 31.6090



0.3871, 0.5665, 0.7692

Inverse Universe

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



35.5414, 36.4989, 38.8917



62.5677, 63.7810, 67.4993



36.2277, 37.8718, 39.1192



7.7970, 7.9313, 8.3769



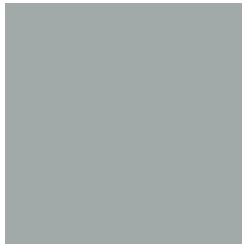
12.1949, 6.2867, 0.5722



0.2967, 0.1530, 0.0141

Previews

White Background



This preview shows how the XYZ color 36.0473, 38.8176, 43.1288 looks on a white background.

Color Contrast Check

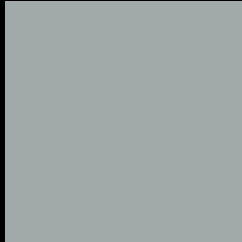
Large Text (above 18pt) WCAG AA × Fail

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 36.0473, 38.8176, 43.1288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

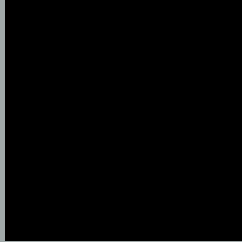
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

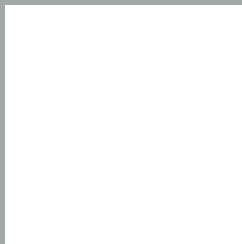
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0473, 38.8176, 43.1288

Background



This preview shows how black text looks on a background with the XYZ color 36.0473, 38.8176, 43.1288.



This preview shows how white text looks on a background with the XYZ color 36.0473, 38.8176,

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

36.0473, 38.8176, 43.1288

Protanopia

37.1888, 38.6085, 42.0513

Deuteranopia

39.4674, 38.6880, 43.4176



Tritanopia

37.1612, 38.7193, 48.6950

Trichromacy



Original Color

36.0473, 38.8176, 43.1288

Protanomaly

36.8229, 38.6801, 42.5710

Deuteranomaly

38.1664, 38.8112, 43.5099

Tritanomaly

36.7394, 38.8212, 46.6312

Monochromacy



Original Color

36.0473, 38.8176, 43.1288

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5876, 38.8317, 42.6127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0473, 38.8176, 43.1288 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(161, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 169, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.0473, 38.8176, 43.1288 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(161, 169, 169) }
```


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

```
.border{ border-color:rgb(161, 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(161, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 169, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 169, 169);  
box-shadow:4px 4px 4px 4px rgb(161, 169,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0473, 38.8176, 43.1288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 169, 169) }
```

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

```
.background{ background-color: rgb(161,  
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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