

Converting Colors

XYZ(36.8057, 40.3064, 44.4391)

Have a look what the booklet for
XYZ(36.8057, 40.3064, 44.4391)
contains.

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Color

**XYZ(36.7915, 40.3010,
44.3678)**

Conversions

Conversions Part 1

Format	Color
Hex	A0ADAB
RGB	160, 173, 171
RGB Percent	63%, 68%, 67%
CMY	0.3725, 0.3216, 0.3294
CMYK	0.08, 0.00, 0.01, 0.32
HSL	171°, 7%, 65%
HSV	171°, 8%, 68%
XYZ	36.7915, 40.3010, 44.3678
YIQ	168.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

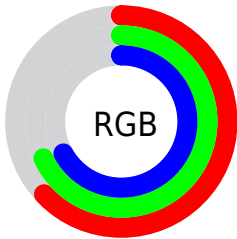
Format	Color
RYB	160, 167, 173
Decimal	10530219
CIELab	69.68, -4.93, -0.54
CIELCh	70, 4.959, 186.302
Yxy	40.3010, 0.3029, 0.3318
Android (android.graphics.Color)	4288720299 (0xFFA0ADAB)
YUV	168.8850, 1.0427, -7.7921
Hunter-Lab	63.4831, -7.6460, 3.0008

Details

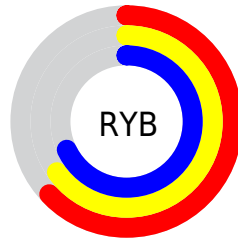
The XYZ color **36.7915, 40.3010, 44.3678** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3275, 36.6356, 39.3412**, and the grayscale version is **37.6537, 39.6146, 43.1403**.

A 20% lighter version of the original color is **69.4952, 75.4249, 82.8472**, and **16.3515, 18.1948, 20.1029** is the 20% darker color. If you saturate the color by 10%, you get **33.3196, 38.5414, 42.8934**, and if you desaturate by 10%, it is **40.7521, 42.3142, 45.8934**.

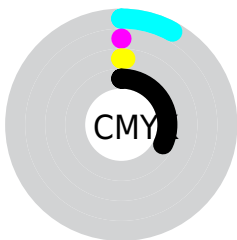
Distribution



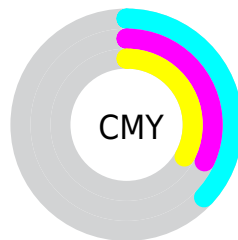
- Red (63%)
- Green (68%)
- Blue (67%)



- Red (63%)
- Yellow (65%)
- Blue (68%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (37%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7915, 40.3010, 44.3678 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 36.7915, 40.3010, 44.3678 by changing the saturation by 10% instead.

■ 36.7915, 40.3010,
44.3678

■ 36.7915, 40.3010,
44.3678

323.7782,
347.3906, 380.2923

■ 25.2190, 27.7733,
30.6204

■ 69.5679, 75.6216,
83.0793

■ 16.3699, 18.1548,
20.0540

■ 91.5026, 99.1834,
108.8805

■ 9.8788, 11.0612,
12.2498

117.6220,
127.1919, 139.5367

■ 5.3803, 6.1080,
6.7894

148.2915,
160.0317, 175.4665

■ 2.5091, 2.9109,
3.2543

183.8766,
198.0870, 217.0884

■ 0.8999, 1.0854,
1.2259

224.7425,

■ 0.0000, 0.0000,

241.7424, 264.8210

0.0000

271.2546,
291.3821, 319.0828

■ 36.7915, 40.3010,
44.3678

■ 36.7915, 40.3010,
44.3678

■ 33.3196, 38.5414,
42.8934

■ 40.7521, 42.3142,
45.8934

■ 30.3133, 37.0200,
41.4666

■ 45.2166, 44.5855,
47.4687

■ 27.7524, 35.7277,
40.0870

■ 50.2039, 47.1257,
49.0955

■ 25.6142, 34.6527,
38.7535

■ 55.7307, 49.9435,
50.7748

■ 23.8738, 33.7822,
37.4647

■ 61.8131, 53.0470,
52.5074

■ 22.5038, 33.1021,
36.2192

■ 65.1528, 54.7360,
54.1391

■ 21.4732, 32.5964,
35.0154

■ 65.4408, 54.8512,
55.6556

■ 20.7460, 32.2465,
33.8514

■ 65.7342, 54.9686,
57.2002

■ 20.2660, 32.0235,
32.7244

■ 66.0328, 55.0880,
58.7729

Harmonies

Analogous

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



36.9092, 40.3010, 42.1286



36.7915, 40.3010, 44.3678



37.0747, 40.3010, 46.5497

Triad

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



36.7915, 40.3010, 44.3678



39.2257, 40.3010, 47.5397



38.9284, 40.3010, 39.9574

Complementary

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



36.7915, 40.3010, 44.3678



36.3275, 36.6356, 39.3412

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.



39.5620, 40.3010, 41.3162



36.7915, 40.3010, 44.3678



39.7353, 40.3010, 45.6812

Square

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



36.7915, 40.3010, 44.3678



38.4745, 40.3010, 48.4217



39.8592, 40.3010, 43.3977



38.1358, 40.3010, 39.6333

Rectangle

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



36.7915, 40.3010, 44.3678



37.4551, 40.3010, 47.6613



39.8592, 40.3010, 43.3977



39.1674, 40.3010, 40.3059

Sweetspot

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



36.7926, 40.3027, 44.3687



69.6669, 74.0945, 80.9439



36.2242, 40.1258, 39.0943



15.1577, 16.1113, 17.5976



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.



36.7926, 40.3027, 44.3687



64.8108, 71.6287, 79.0187



36.1673, 38.7443, 45.1093



8.1825, 9.0506, 9.9861



14.8271, 23.4961, 23.9270



0.4265, 0.6593, 0.7396

Inverse Universe

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



36.3275, 36.6356, 39.3412



63.8070, 63.7145, 68.1686



36.9154, 38.0940, 38.6657



8.0537, 8.0347, 8.5934



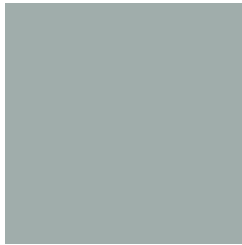
12.8171, 6.5894, 1.4161



0.3716, 0.1893, 0.1185

Previews

White Background



This preview shows how the XYZ color 36.7915, 40.3010, 44.3678 looks on a white background.

Color Contrast Check

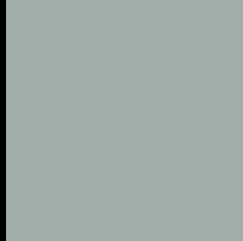
Large Text (above 18pt) WCAG AA × Fail

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 36.7915, 40.3010, 44.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

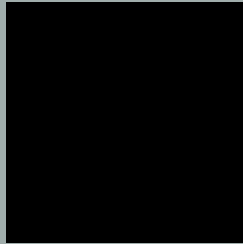
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7915, 40.3010, 44.3678

Background



This preview shows how black text looks on a background with the XYZ color 36.7915, 40.3010, 44.3678.

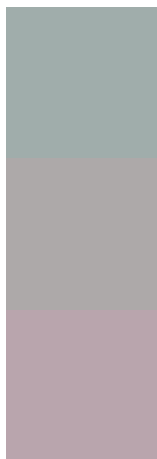


This preview shows how white text looks on a background with the XYZ color 36.7915, 40.3010,

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

36.7915, 40.3010, 44.3678

Protanopia

38.5830, 40.1247, 43.2474

Deuteranopia

41.0055, 40.2417, 45.1414



Tritanopia

38.1149, 40.2679, 51.1110

Trichromacy



Original Color

36.7915, 40.3010, 44.3678

Protanomaly

37.7789, 39.9766, 43.7553

Deuteranomaly

39.3535, 40.2139, 44.7176

Tritanomaly

37.5871, 40.3368, 48.4525

Monochromacy



Original Color

36.7915, 40.3010, 44.3678

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.3563, 39.7587, 43.7355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7915, 40.3010, 44.3678 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(160, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(160, 173, 171)  
}
```

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(160, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 173, 171) }
```

Border

The CSS property to change the border of an element to XYZ 36.7915, 40.3010, 44.3678 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(160, 173, 171) }
```


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

```
.border{ border-color:rgb(160, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(160, 173,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7915, 40.3010, 44.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 173, 171) }
```

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

```
.background{ background-color: rgb(160,  
173, 171) }
```

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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