

Converting Colors

XYZ(37.3563, 40.3138, 44.5737)

Have a look what the booklet for
XYZ(37.3563, 40.3138, 44.5737)
contains.

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Color

**XYZ(37.2075, 40.2319,
44.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	A3ACAB
RGB	163, 172, 171
RGB Percent	64%, 67%, 67%
CMY	0.3608, 0.3255, 0.3294
CMYK	0.05, 0.00, 0.01, 0.33
HSL	173°, 5%, 66%
HSV	173°, 5%, 67%
XYZ	37.2075, 40.2319, 44.3326
YIQ	169.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

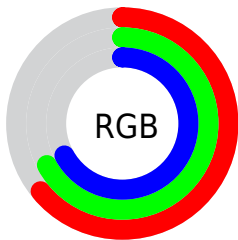
Format	Color
R _Y B	163, 168, 172
Decimal	10726571
CIE Lab	69.63, -3.35, -0.59
CIE LCh	70, 3.401, 189.982
Yxy	40.2319, 0.3056, 0.3304
Android (android.graphics.Color)	4288916651 (0xFFA3ACAB)
YUV	169.1950, 0.8899, -5.4330
Hunter-Lab	63.4286, -6.2912, 2.9601

Details

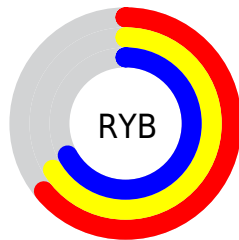
The XYZ color **37.2075, 40.2319, 44.3326** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8128, 37.6465, 40.4502**, and the grayscale version is **37.8071, 39.7760, 43.3161**.

A 20% lighter version of the original color is **70.1100, 75.3346, 82.7973**, and **16.6018, 18.1444, 20.0800** is the 20% darker color. If you saturate the color by 10%, you get **33.7415, 38.4672, 43.2247**, and if you desaturate by 10%, it is **41.1575, 42.2481, 45.4787**.

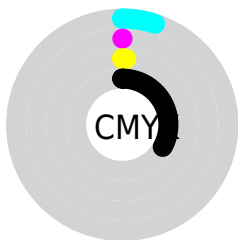
Distribution



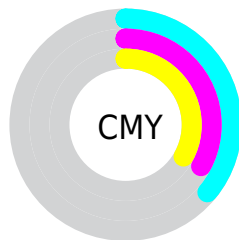
- Red (64%)
- Green (67%)
- Blue (67%)



- Red (64%)
- Yellow (66%)
- 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 37.2075, 40.2319, 44.3326 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 37.2075, 40.2319, 44.3326 by changing the saturation by 10% instead.

■ 37.2075, 40.2319,
44.3326

■ 37.2075, 40.2319,
44.3326

325.5480,
347.1000, 380.1448

■ 25.5426, 27.7194,
30.5930

■ 70.2036, 75.5165,
83.0258

■ 16.6127, 18.1142,
20.0332

■ 92.2654, 99.0574,
108.8164

■ 10.0523, 11.0320,
12.2349

118.5237,
127.0432, 139.4611

■ 5.4962, 6.0884,
6.7794

149.3437,
159.8584, 175.3785

■ 2.5789, 2.8989,
3.2482

185.0907,
197.8872, 216.9870

■ 0.9352, 1.0792,
1.2227

226.1302,

■ 0.0000, 0.0000,

241.5142, 264.7052

0.0000

272.8275,
291.1237, 318.9516

■ 37.2075, 40.2319,
44.3326

■ 37.2075, 40.2319,
44.3326

■ 33.7415, 38.4672,
43.2247

■ 41.1575, 42.2481,
45.4787

■ 30.7367, 36.9388,
42.1513

■ 45.6062, 44.5199,
46.6611

■ 28.1739, 35.6380,
41.1123

■ 50.5719, 47.0579,
47.8817

■ 26.0311, 34.5533,
40.1066

■ 56.0709, 49.8706,
49.1412

■ 24.2841, 33.6725,
39.1330

■ 62.1190, 52.9660,
50.4404

■ 22.9066, 32.9818,
38.1902

■ 64.4883, 54.1646,
51.5816

■ 21.8691, 32.4661,
37.2768

■ 64.6884, 54.2447,
52.6355

■ 21.1372, 32.1076,
36.3912

■ 64.8912, 54.3258,
53.7037

■ 20.6685, 31.8845,
35.5312

■ 65.0968, 54.4080,
54.7863

Harmonies

Analogous

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



37.2545, 40.2319, 42.7775



37.2075, 40.2319, 44.3326



37.4349, 40.2319, 45.7800

Triad

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



37.2075, 40.2319, 44.3326



38.9225, 40.2319, 46.1667



38.6022, 40.2319, 41.0222

Complementary

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



37.2075, 40.2319, 44.3326



36.8128, 37.6465, 40.4502

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.



39.0550, 40.2319, 41.8890



37.2075, 40.2319, 44.3326



39.2411, 40.2319, 44.8503

Square

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



37.2075, 40.2319, 44.3326



38.4228, 40.2319, 46.8556



39.2898, 40.2319, 43.2830



38.0563, 40.2319, 40.8911

Rectangle

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



37.2075, 40.2319, 44.3326



37.7128, 40.2319, 46.4798



39.2898, 40.2319, 43.2830



38.7705, 40.2319, 41.2362

Sweetspot

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



37.2086, 40.2336, 44.3335



69.6929, 74.1049, 81.0805



36.6848, 40.0490, 40.4477



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.



37.2086, 40.2336, 44.3335



66.9148, 72.6883, 80.2450



36.6563, 38.9753, 44.6228



8.4264, 9.1733, 10.1357



15.2599, 23.6692, 26.2059



0.4352, 0.6627, 0.7853

Inverse Universe

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



36.8128, 37.6465, 40.4502



66.0817, 67.2435, 72.0724



37.3437, 38.8527, 40.1820



8.3144, 8.4407, 9.0361



12.7599, 6.5665, 1.1154



0.3662, 0.1872, 0.0902

Previews

White Background



This preview shows how the XYZ color 37.2075, 40.2319, 44.3326 looks on a white background.

Color Contrast Check

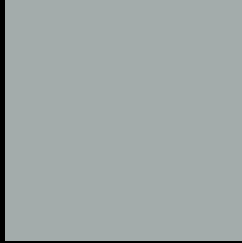
Large Text (above 18pt) WCAG AA × Fail

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 37.2075, 40.2319, 44.3326 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

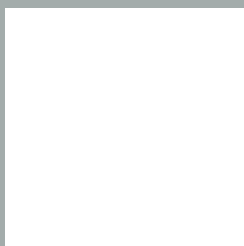
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2075, 40.2319, 44.3326

Background



This preview shows how black text looks on a background with the XYZ color 37.2075, 40.2319, 44.3326.



This preview shows how white text looks on a background with the XYZ color 37.2075, 40.2319,

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

37.2075, 40.2319, 44.3326

Protanopia

38.5830, 40.1247, 43.2474

Deuteranopia

40.9091, 40.2031, 44.6336



Tritanopia

38.5435, 40.2095, 51.0771

Trichromacy



Original Color

37.2075, 40.2319, 44.3326

Protanomaly

37.9926, 40.0867, 43.7653

Deuteranomaly

39.5805, 40.3309, 44.7283

Tritanomaly

38.0094, 40.2730, 48.4180

Monochromacy



Original Color

37.2075, 40.2319, 44.3326

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.5668, 39.8672, 43.7454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2075, 40.2319, 44.3326 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(163, 172, 171)` looks like.

```
.text, #text, p{  
    color:rgb(163, 172, 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(163, 172, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 172, 171) }
```

Border

The CSS property to change the border of an element to XYZ 37.2075, 40.2319, 44.3326 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(163, 172, 171) }
```


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

```
.border{ border-color:rgb(163, 172, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 172, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 172, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 172, 171);  
box-shadow:4px 4px 4px 4px rgb(163, 172,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2075, 40.2319, 44.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 172, 171) }
```

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

```
.background{ background-color: rgb(163,  
172, 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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