

Converting Colors

XYZ(37.2752, 40.6874, 43.3720)

Have a look what the booklet for
XYZ(37.2752, 40.6874, 43.3720)
contains.

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Color

**XYZ(37.2093, 40.5382,
43.3996)**

Conversions

Conversions Part 1

Format	Color
Hex	A3ADA9
RGB	163, 173, 169
RGB Percent	64%, 68%, 66%
CMY	0.3608, 0.3216, 0.3373
CMYK	0.06, 0.00, 0.02, 0.32
HSL	156°, 6%, 66%
HSV	156°, 6%, 68%
XYZ	37.2093, 40.5382, 43.3996
YIQ	169.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

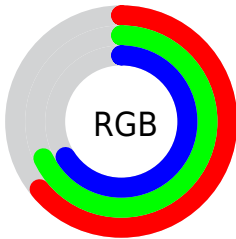
Format	Color
R _{YB}	163, 169, 173
Decimal	10726825
CIE Lab	69.85, -4.28, 0.83
CIE LCh	70, 4.358, 169.003
Yxy	40.5382, 0.3071, 0.3346
Android (android.graphics.Color)	4288916905 (0xFFA3ADA9)
YUV	169.5540, -0.2731, -5.7479
Hunter-Lab	63.6696, -7.1043, 4.1544

Details

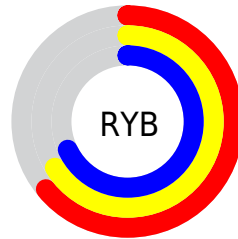
The XYZ color **37.2093, 40.5382, 43.3996** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3074, 37.8698, 41.9046**, and the grayscale version is **37.9905, 39.9690, 43.5262**.

A 20% lighter version of the original color is **70.1114, 75.7740, 81.4516**, and **16.6038, 18.3386, 19.4942** is the 20% darker color. If you saturate the color by 10%, you get **33.2738, 38.5837, 39.9124**, and if you desaturate by 10%, it is **41.6661, 42.7598, 47.0925**.

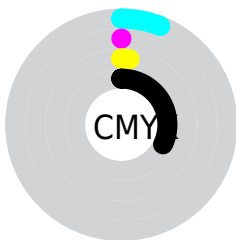
Distribution



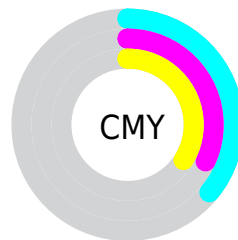
- Red (64%)
- Green (68%)
- Blue (66%)



- Red (64%)
- Yellow (66%)
- Blue (68%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (32%)



- Cyan (36%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2093, 40.5382, 43.3996 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 37.2093, 40.5382, 43.3996 by changing the saturation by 10% instead.

■ 37.2093, 40.5382,
43.3996

■ 37.2093, 40.5382,
43.3996

325.5556,
348.3868, 376.2219

■ 25.5440, 27.9584,
29.8651

■ 70.2063, 75.9824,
81.6063

■ 16.6137, 18.2943,
19.4850

■ 92.2687, 99.6156,
107.1156

■ 10.0530, 11.1615,
11.8409

118.5276,
127.7020, 137.4535

■ 5.4967, 6.1756,
6.5142

149.3482,
160.6261, 173.0387

■ 2.5792, 2.9521,
3.0864

185.0960,
198.7722, 214.2895

■ 0.9354, 1.1068,
1.1389

226.1362,

■ 0.0000, 0.0000,

242.5248, 261.6247

0.0000

272.8343,
292.2682, 315.4626

■ 37.2093, 40.5382,
43.3996

■ 37.2093, 40.5382,
43.3996

■ 33.2738, 38.5837,
39.9124

■ 41.6661, 42.7598,
47.0925

■ 29.8362, 36.8807,
36.6247

■ 46.6597, 45.2530,
50.9921

■ 26.8762, 35.4201,
33.5334

■ 52.2093, 48.0287,
55.1027

■ 24.3706, 34.1900,
30.6346

■ 58.3320, 51.0956,
59.4277

■ 22.2947, 33.1776,
27.9242

■ 65.0442, 54.4623,
63.9704

■ 20.6207, 32.3689,
25.3979

■ 67.8846, 55.8287,
68.5245

■ 19.3180, 31.7479,
23.0510

■ 68.7691, 56.1825,
73.1821

■ 18.3508, 31.2964,
20.8787

■ 69.6914, 56.5514,
78.0388

■ 17.6733, 30.9908,
18.8755

■ 70.6519, 56.9357,
83.0970

Harmonies

Analogous

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



37.5119, 40.5382, 41.6304



37.2093, 40.5382, 43.3996



37.2574, 40.5382, 45.4210

Triad

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



37.2093, 40.5382, 43.3996



38.9754, 40.5382, 47.9294



39.4304, 40.5382, 41.2613

Complementary

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



37.2093, 40.5382, 43.3996



37.3074, 37.8698, 41.9046

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.



39.8320, 40.5382, 42.8817



37.2093, 40.5382, 43.3996



39.5670, 40.5382, 46.7468

Square

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



37.2093, 40.5382, 43.3996



38.2712, 40.5382, 48.0784



39.8823, 40.5382, 44.8872



38.7906, 40.5382, 40.4213

Rectangle

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



37.2093, 40.5382, 43.3996



37.4820, 40.5382, 46.6389



39.8823, 40.5382, 44.8872



39.5980, 40.5382, 41.7305

Sweetspot

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



37.2104, 40.5399, 43.4005



69.5178, 74.0349, 80.1586



37.5274, 40.7669, 40.5420



15.1271, 16.0991, 17.4364



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.



37.2104, 40.5399, 43.4005



65.6405, 72.1049, 76.8659



37.4328, 40.3739, 45.3571



8.2696, 9.1020, 9.6930



12.8341, 22.6989, 13.4322



0.3831, 0.6419, 0.5109

Inverse Universe

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



37.3074, 37.8698, 41.9046



65.8525, 66.2664, 73.5950



37.0914, 38.0210, 40.0350



8.2975, 8.3321, 9.2617



13.4817, 6.8552, 4.9163



0.4025, 0.2017, 0.2814

Previews

White Background



This preview shows how the XYZ color 37.2093, 40.5382, 43.3996 looks on a white background.

Color Contrast Check

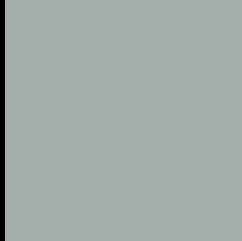
Large Text (above 18pt) WCAG AA × Fail

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 37.2093, 40.5382, 43.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

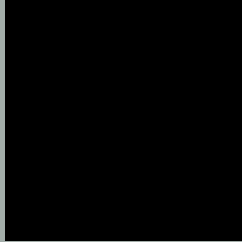
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2093, 40.5382, 43.3996

Background



This preview shows how black text looks on a background with the XYZ color 37.2093, 40.5382, 43.3996.

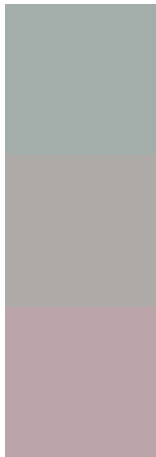


This preview shows how white text looks on a background with the XYZ color 37.2093, 40.5382,

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

37.2093, 40.5382, 43.3996

Protanopia

38.8053, 40.5381, 42.3386

Deuteranopia

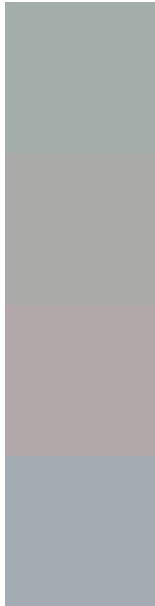
41.2993, 40.4153, 44.1523



Tritanopia

38.7317, 40.5858, 51.1399

Trichromacy



Original Color

37.2093, 40.5382, 43.3996

Protanomaly

38.2084, 40.4990, 42.8491

Deuteranomaly

39.6184, 40.3725, 43.7348

Tritanomaly

38.1990, 40.6522, 48.4812

Monochromacy



Original Color

37.2093, 40.5382, 43.3996

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7550, 40.2436, 43.8081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2093, 40.5382, 43.3996 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, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(163, 173, 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(163, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 173, 169) }
```

Border

The CSS property to change the border of an element to XYZ 37.2093, 40.5382, 43.3996 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, 173, 169) }
```


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

```
.border{ border-color:rgb(163, 173, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 173, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(163, 173,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2093, 40.5382, 43.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 173, 169) }
```

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

```
.background{ background-color: rgb(163,  
173, 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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