

Converting Colors

XYZ(37.1575, 40.2903, 53.3953)

Have a look what the booklet for
XYZ(37.1575, 40.2903, 53.3953)
contains.

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Color

**XYZ(37.1575, 40.2903,
53.3953)**

Conversions

Conversions Part 1

Format	Color
Hex	99ADBC
RGB	153, 173, 188
RGB Percent	60%, 68%, 74%
CMY	0.4000, 0.3216, 0.2627
CMYK	0.19, 0.08, 0.00, 0.26
HSL	206°, 21%, 67%
HSV	206°, 19%, 74%
XYZ	37.1575, 40.2903, 53.3953
YIQ	168.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

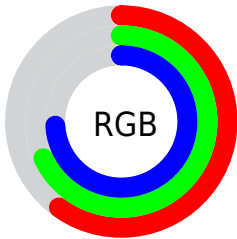
Format	Color
R _{YB}	153, 166, 188
Decimal	10071484
CIE Lab	69.68, -3.69, -10.00
CIE LCh	70, 10.660, 249.734
Yxy	40.2903, 0.2840, 0.3079
Android (android.graphics.Color)	4288261564 (0xFF99ADBC)
YUV	168.7300, 9.5001, -13.7952
Hunter-Lab	63.4746, -6.5883, -5.4429

Details

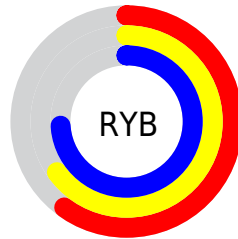
The XYZ color **37.1575, 40.2903, 53.3953** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4916, 40.9963, 35.9167**, and the grayscale version is **37.5402, 39.4952, 43.0102**.

A 20% lighter version of the original color is **70.0850, 75.4284, 96.4532**, and **16.5774, 18.1907, 25.5591** is the 20% darker color. If you saturate the color by 10%, you get **32.3866, 35.6073, 52.7435**, and if you desaturate by 10%, it is **42.5830, 45.4511, 54.1061**.

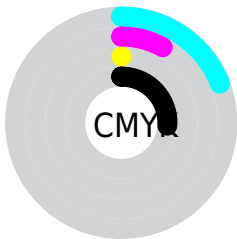
Distribution



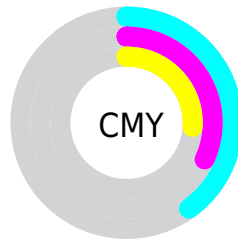
- Red (60%)
- Green (68%)
- Blue (74%)



- Red (60%)
- Yellow (65%)
- Blue (74%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1575, 40.2903, 53.3953 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 37.1575, 40.2903, 53.3953 by changing the saturation by 10% instead.

■ 37.1575, 40.2903,
53.3953

■ 37.1575, 40.2903,
53.3953

325.3356,
347.3456, 416.9091

■ 25.5037, 27.7650,
37.7285

■ 70.1272, 75.6054,
96.6332

■ 16.5834, 18.1486,
25.4719

■ 92.1738, 99.1639,
125.0415

■ 10.0314, 11.0567,
16.2068

118.4154,
127.1689, 158.5340

■ 5.4822, 6.1050,
9.5146

149.2174,
160.0049, 197.5293

■ 2.5705, 2.9090,
4.9770

184.9450,
198.0561, 242.4459

■ 0.9309, 1.0844,
2.1753

225.9637,

■ 0.0000, 0.0000,

241.7071, 293.7024

0.6600

272.6388,
291.3421, 351.7173

■ 0.0000, 0.0000,
0.0000

■ 37.1575, 40.2903,
53.3953

■ 37.1575, 40.2903,
53.3953

■ 32.3866, 35.6073,
52.7435

■ 42.5830, 45.4511,
54.1061

■ 28.2391, 31.3804,
52.1462

■ 48.6855, 51.1006,
54.8750

■ 24.6862, 27.5935,
51.6025

■ 55.4908, 57.2553,
55.7043

■ 21.6954, 24.2272,
51.1104

■ 63.0220, 63.9294,
56.5955

■ 19.2308, 21.2604,
50.6677

■ 71.3013, 71.1365,
57.5503

■ 17.2519, 18.6695,
50.2719

■ 76.2633, 76.7830,
58.3786

■ 15.7113, 16.4273,
49.9203

■ 78.4459, 81.1483,
59.1062

■ 14.5313, 14.4906,
49.6087

■ 80.7321, 85.7206,
59.8682

■ 14.3812, 14.2388,
49.5679

■ 83.1231, 90.5026,
60.6653

Harmonies

Analogous

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



35.8007, 40.2903, 50.2244



37.1575, 40.2903, 53.3953



38.8581, 40.2903, 53.9113

Triad

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



37.1575, 40.2903, 53.3953



41.6570, 40.2903, 42.2831



36.2138, 40.2903, 36.9635

Complementary

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



37.1575, 40.2903, 53.3953



40.4916, 40.9963, 35.9167

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.



37.7368, 40.2903, 35.1587



37.1575, 40.2903, 53.3953



40.9020, 40.2903, 38.0742

Square

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



37.1575, 40.2903, 53.3953



41.4906, 40.2903, 47.2419



39.4549, 40.2903, 35.5495



35.2673, 40.2903, 40.6611

Rectangle

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



37.1575, 40.2903, 53.3953



39.9631, 40.2903, 52.6437



39.4549, 40.2903, 35.5495



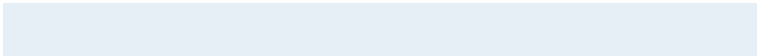
36.6734, 40.2903, 36.1284

Sweetspot

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



37.1587, 40.2920, 53.3962



79.8421, 84.8661, 98.3989



38.1499, 45.5511, 43.6248



17.0199, 18.1104, 21.1412



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.1587, 40.2920, 53.3962



63.9704, 69.7448, 96.3167



34.0892, 34.1529, 52.3730



9.4568, 10.1060, 12.1244



9.8663, 9.8443, 33.7730



0.4502, 0.5130, 1.3442

Inverse Universe

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



39.6740, 36.4918, 44.4897



69.3527, 61.8728, 77.1999



43.8558, 47.7247, 37.0381



9.7524, 9.6253, 11.0854



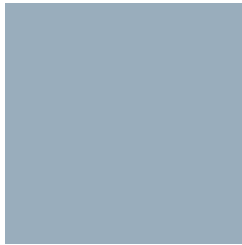
15.9808, 8.0235, 10.4585



0.6581, 0.3271, 0.5790

Previews

White Background



This preview shows how the XYZ color 37.1575, 40.2903, 53.3953 looks on a white background.

Color Contrast Check

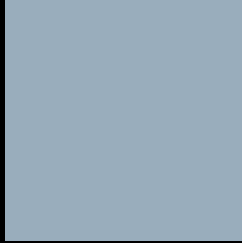
Large Text (above 18pt) WCAG AA × Fail

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 37.1575, 40.2903, 53.3953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

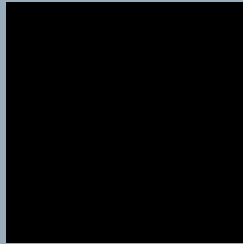
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

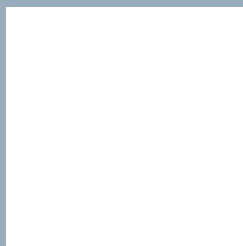
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1575, 40.2903, 53.3953

Background



This preview shows how black text looks on a background with the XYZ color 37.1575, 40.2903, 53.3953.



This preview shows how white text looks on a background with the XYZ color 37.1575, 40.2903,

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

37.1575, 40.2903, 53.3953

Protanopia

39.0934, 40.2035, 51.5986

Deuteranopia

40.8809, 39.9751, 54.2765



Tritanopia

37.0501, 40.2473, 52.8295

Trichromacy



Original Color

37.1575, 40.2903, 53.3953

Protanomaly

38.3419, 40.0812, 52.1700

Deuteranomaly

39.3364, 40.0042, 53.7924

Tritanomaly

37.0501, 40.2473, 52.8295

Monochromacy



Original Color

37.1575, 40.2903, 53.3953

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.3155, 39.6706, 46.7647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1575, 40.2903, 53.3953 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(153, 173, 188)` looks like.

```
.text, #text, p{  
    color:rgb(153, 173, 188)  
}
```

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(153, 173, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 173, 188) }
```

Border

The CSS property to change the border of an element to XYZ 37.1575, 40.2903, 53.3953 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(153, 173, 188) }
```


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

```
.border{ border-color:rgb(153, 173, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 173, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 173, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 173, 188);  
box-shadow:4px 4px 4px 4px rgb(153, 173,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1575, 40.2903, 53.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 173, 188) }
```

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

```
.background{ background-color: rgb(153,  
173, 188) }
```

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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