

Converting Colors

XYZ(37.7561, 40.6251, 50.9302)

Have a look what the booklet for
XYZ(37.7561, 40.6251, 50.9302)
contains.

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Color

**XYZ(37.8934, 40.7188,
51.2097)**

Conversions

Conversions Part 1

Format	Color
Hex	9FADB8
RGB	159, 173, 184
RGB Percent	62%, 68%, 72%
CMY	0.3765, 0.3216, 0.2784
CMYK	0.14, 0.06, 0.00, 0.28
HSL	206°, 15%, 67%
HSV	206°, 14%, 72%
XYZ	37.8934, 40.7188, 51.2097
YIQ	170.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

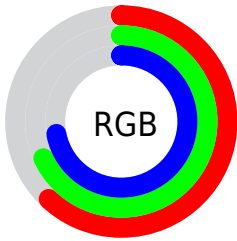
Format	Color
R _Y B	159, 168, 184
Decimal	10464696
CIE Lab	69.98, -2.60, -7.30
CIE LCh	70, 7.745, 250.392
Yxy	40.7188, 0.2919, 0.3137
Android (android.graphics.Color)	4288654776 (0xFF9FADB8)
YUV	170.0680, 6.8685, -9.7066
Hunter-Lab	63.8113, -5.6701, -2.9134

Details

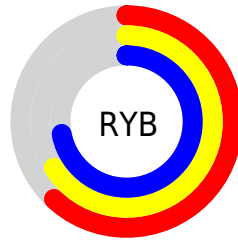
The XYZ color **37.8934, 40.7188, 51.2097** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4001, 41.4428, 38.6716**, and the grayscale version is **38.2145, 40.2046, 43.7828**.

A 20% lighter version of the original color is **71.2031, 76.0742, 93.3691**, and **16.9975, 18.4392, 24.1360** is the 20% darker color. If you saturate the color by 10%, you get **33.0076, 35.9663, 50.5505**, and if you desaturate by 10%, it is **43.4188, 45.9428, 51.9275**.

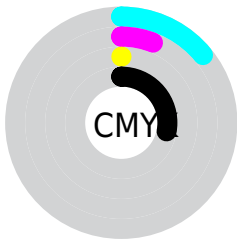
Distribution



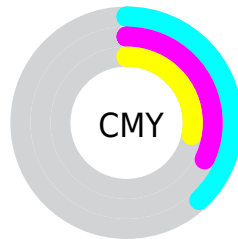
- Red (62%)
- Green (68%)
- Blue (72%)



- Red (62%)
- Yellow (66%)
- Blue (72%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (28%)



- Cyan (38%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8934, 40.7188, 51.2097 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 37.8934, 40.7188, 51.2097 by changing the saturation by 10% instead.

■ 37.8934, 40.7188,
51.2097

■ 37.8934, 40.7188,
51.2097

328.4512,
349.1440, 408.2478

■ 26.0768, 28.0994,
35.9976

■ 71.2497, 76.2568,
93.3793

■ 17.0141, 18.4006,
24.1427

■ 93.5201, 99.9443,
121.1740

■ 10.3399, 11.2380,
15.2263

120.0057,
128.0899, 153.9999

■ 5.6889, 6.2271,
8.8300

151.0721,
161.0780, 192.2757

■ 2.6957, 2.9837,
4.5352

187.0845,
199.2931, 236.4198

■ 0.9950, 1.1232,
1.9233

228.4082,

■ 0.0000, 0.0000,

243.1196, 286.8508

0.5075

275.4087,
292.9417, 343.9873

■ 0.0000, 0.0000,
0.0000

■ 37.8934, 40.7188,
51.2097

■ 37.8934, 40.7188,
51.2097

■ 33.0076, 35.9663,
50.5505

■ 43.4188, 45.9428,
51.9275

■ 28.7322, 31.6646,
49.9456

■ 49.6043, 51.6480,
52.7027

■ 25.0411, 27.7987,
49.3939

■ 56.4738, 57.8501,
53.5377

■ 21.9047, 24.3508,
48.8937

■ 64.0489, 64.5625,
54.4341

■ 19.2904, 21.3015,
48.4429

■ 72.3502, 71.7982,
55.3932

■ 17.1621, 18.6293,
48.0393

■ 75.8988, 76.7347,
56.1590

■ 15.4783, 16.3101,
47.6804

■ 78.0951, 81.1272,
56.8911

■ 14.1897, 14.3155,
47.3633

■ 80.3958, 85.7287,
57.6580

■ 13.5080, 13.1730,
47.1787

■ 82.8025, 90.5421,
58.4602

Harmonies

Analogous

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



36.8832, 40.7188, 48.9933



37.8934, 40.7188, 51.2097



39.1414, 40.7188, 51.5285

Triad

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



37.8934, 40.7188, 51.2097



41.1381, 40.7188, 43.0941



37.1508, 40.7188, 39.2509

Complementary

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



37.8934, 40.7188, 51.2097



40.4001, 41.4428, 38.6716

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.



38.2659, 40.7188, 37.8457



37.8934, 40.7188, 51.2097



40.5797, 40.7188, 39.9833

Square

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



37.8934, 40.7188, 51.2097



41.0331, 40.7188, 46.7091



39.5220, 40.7188, 38.1064



36.4609, 40.7188, 42.0444

Rectangle

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



37.8934, 40.7188, 51.2097



39.9426, 40.7188, 50.6045



39.5220, 40.7188, 38.1064



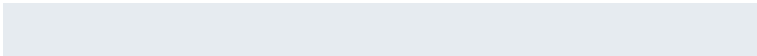
37.4873, 40.7188, 38.6075

Sweetspot

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



37.8946, 40.7205, 51.2106



78.1993, 82.8082, 94.0666



38.6792, 44.5486, 44.5085



16.6882, 17.6928, 20.2571



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.8946, 40.7205, 51.2106



66.2067, 71.4233, 92.5012



35.6373, 36.2058, 50.4582



8.9271, 9.5314, 11.4487



9.3809, 9.2215, 32.5386



0.3912, 0.4462, 1.1672

Inverse Universe

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



39.7091, 38.0047, 44.7799



70.0975, 65.7270, 78.6832



42.8221, 46.2868, 39.4790



9.2095, 9.0942, 10.4508



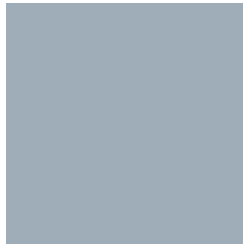
15.3487, 7.7132, 9.7232



0.5716, 0.2841, 0.5037

Previews

White Background



This preview shows how the XYZ color 37.8934, 40.7188, 51.2097 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 37.8934, 40.7188, 51.2097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

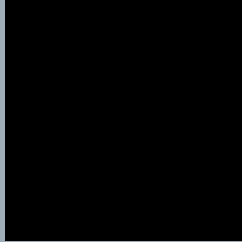
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

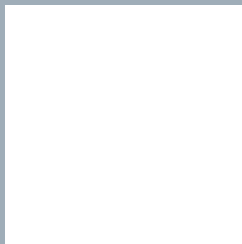
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.8934, 40.7188, 51.2097

Background



This preview shows how black text looks on a background with the XYZ color 37.8934, 40.7188, 51.2097.

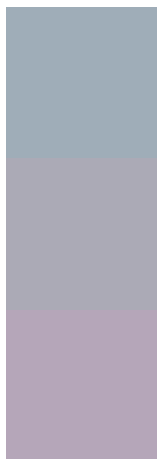


This preview shows how white text looks on a background with the XYZ color 37.8934, 40.7188,

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

37.8934, 40.7188, 51.2097

Protanopia

39.6128, 40.7848, 50.0404

Deuteranopia

41.4492, 40.5990, 51.5507



Tritanopia

38.1046, 40.8032, 52.3219

Trichromacy



Original Color

37.8934, 40.7188, 51.2097

Protanomaly

39.0465, 40.7602, 50.6093

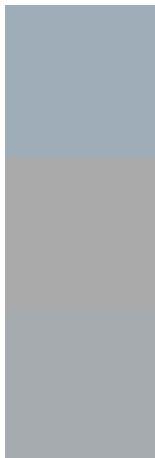
Deuteranomaly

40.1785, 40.7630, 51.6493

Tritanomaly

37.9986, 40.7609, 51.7638

Monochromacy



Original Color

37.8934, 40.7188, 51.2097

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.0267, 40.3280, 46.3373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8934, 40.7188, 51.2097 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(159, 173, 184) looks like.

```
.text, #text, p{  
    color:rgb(159, 173, 184)  
}
```

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(159, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 173, 184) }
```

Border

The CSS property to change the border of an element to XYZ 37.8934, 40.7188, 51.2097 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(159, 173, 184) }
```


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

```
.border{ border-color:rgb(159, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(159, 173,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8934, 40.7188, 51.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 173, 184) }
```

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

```
.background{ background-color: rgb(159,  
173, 184) }
```

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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