

Converting Colors

XYZ(37.2784, 40.0324, 52.5755)

Have a look what the booklet for
XYZ(37.2784, 40.0324, 52.5755)
contains.

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Color

**XYZ(37.4325, 40.1608,
52.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	9CACBB
RGB	156, 172, 187
RGB Percent	61%, 67%, 73%
CMY	0.3882, 0.3255, 0.2667
CMYK	0.17, 0.08, 0.00, 0.27
HSL	209°, 19%, 67%
HSV	209°, 17%, 73%
XYZ	37.4325, 40.1608, 52.7926
YIQ	168.9260, -14.3510, 1.2730

Conversions

Conversions Part 2

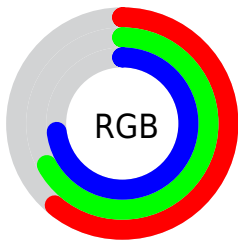
Format	Color
RYB	156, 167, 187
Decimal	10267835
CIELab	69.58, -2.40, -9.56
CIElCh	70, 9.858, 255.930
Yxy	40.1608, 0.2871, 0.3080
Android (android.graphics.Color)	4288457915 (0xFF9CACBB)
YUV	168.9260, 8.9105, -11.3361
Hunter-Lab	63.3725, -5.4667, -5.0308

Details

The XYZ color **37.4325, 40.1608, 52.7926** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0576, 42.0910, 37.4139**, and the grayscale version is **37.6389, 39.5990, 43.1234**.

A 20% lighter version of the original color is **70.5107, 75.2581, 95.6040**, and **16.7285, 18.0972, 25.1657** is the 20% darker color. If you saturate the color by 10%, you get **32.4253, 35.1107, 52.0824**, and if you desaturate by 10%, it is **43.1164, 45.7359, 53.5698**.

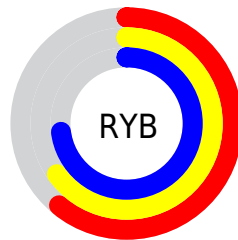
Distribution



Red (61%)

Green (67%)

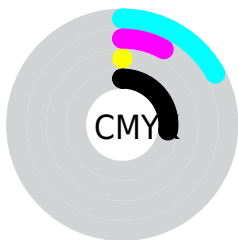
Blue (73%)



Red (61%)

Yellow (65%)

Blue (73%)

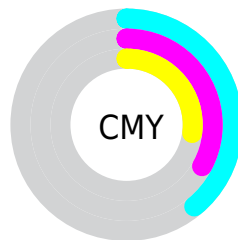


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (39%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4325, 40.1608, 52.7926 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 37.4325, 40.1608, 52.7926 by changing the saturation by 10% instead.

■ 37.4325, 40.1608,
52.7926

■ 37.4325, 40.1608,
52.7926

326.5023,
346.8009, 414.5326

■ 25.7177, 27.6639,
37.2506

■ 70.5470, 75.4083,
95.7376

■ 16.7442, 18.0725,
25.1043

■ 92.6774, 98.9278,
123.9776

■ 10.1464, 11.0020,
15.9351

119.0105,
126.8902, 157.2875

■ 5.5592, 6.0682,
9.3243

149.9115,
159.6800, 196.0857

■ 2.6170, 2.8866,
4.8537

185.7459,
197.6816, 240.7908

■ 0.9546, 1.0728,
2.1044

226.8789,

■ 0.0000, 0.0000,

241.2793, 291.8213

0.6184

273.6759,
290.8576, 349.5957

■ 0.0000, 0.0000,
0.0000

■ 37.4325, 40.1608,
52.7926

■ 37.4325, 40.1608,
52.7926

■ 32.4253, 35.1107,
52.0824

■ 43.1164, 45.7359,
53.5698

■ 28.0636, 30.5629,
51.4345

■ 49.4995, 51.8478,
54.4131

■ 24.3187, 26.5002,
50.8477

■ 56.6076, 58.5140,
55.3251

■ 21.1585, 22.9023,
50.3197

■ 64.4640, 65.7498,
56.3077

■ 18.5473, 19.7470,
49.8483

■ 73.0909, 73.5696,
57.3624

■ 16.4455, 17.0100,
49.4308

■ 77.4843, 79.3969,
58.2556

■ 14.8070, 14.6634,
49.0643

■ 80.0139, 84.4563,
59.0988

■ 13.5712, 12.6719,
48.7450

■ 82.6754, 89.7792,
59.9860

■ 13.2010, 12.0504,
48.6445

■ 85.4706, 95.3696,
60.9177

Harmonies

Analogous

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



36.0824, 40.1608, 50.3326



37.4325, 40.1608, 52.7926



39.0178, 40.1608, 52.7091

Triad

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



37.4325, 40.1608, 52.7926



41.1907, 40.1608, 41.3666



36.0148, 40.1608, 37.9112

Complementary

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



37.4325, 40.1608, 52.7926



41.0576, 42.0910, 37.4139

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.



37.3378, 40.1608, 35.8303



37.4325, 40.1608, 52.7926



40.3400, 40.1608, 37.7286

Square

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



37.4325, 40.1608, 52.7926



41.2177, 40.1608, 45.8937



38.9204, 40.1608, 35.7658



35.2795, 40.1608, 41.6321

Rectangle

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



37.4325, 40.1608, 52.7926



39.9957, 40.1608, 51.2159



38.9204, 40.1608, 35.7658



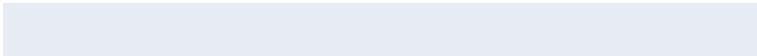
36.4039, 40.1608, 37.0085

Sweetspot

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



37.4337, 40.1625, 52.7935



78.8497, 83.4873, 96.1602



38.8305, 45.5490, 45.2658



17.1939, 18.2210, 21.1533



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.



37.4337, 40.1625, 52.7935



63.5433, 68.4324, 94.0611



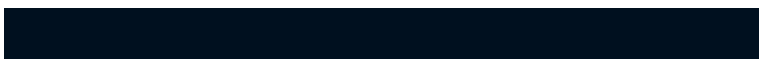
34.6562, 34.6075, 51.8677



9.4128, 10.0179, 12.1098



9.1681, 8.4480, 33.5403



0.4244, 0.4614, 1.3355

Inverse Universe

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



39.8294, 37.3213, 44.1360



68.7122, 62.5206, 75.3326



44.1559, 48.2876, 38.4466



9.7302, 9.6164, 10.9683



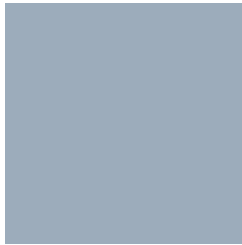
15.6284, 7.8825, 8.6028



0.6451, 0.3219, 0.5104

Previews

White Background



This preview shows how the XYZ color 37.4325, 40.1608, 52.7926 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 37.4325, 40.1608, 52.7926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

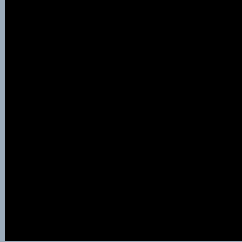
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4325, 40.1608, 52.7926

Background



This preview shows how black text looks on a background with the XYZ color 37.4325, 40.1608, 52.7926.



This preview shows how white text looks on a background with the XYZ color 37.4325, 40.1608,

52.7926.

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

37.4325, 40.1608, 52.7926

Protanopia

39.0934, 40.2035, 51.5986

Deuteranopia

40.8923, 40.0061, 53.1436



Tritanopia

37.3258, 40.1181, 52.2307

Trichromacy



Original Color

37.4325, 40.1608, 52.7926

Protanomaly

38.5475, 40.1871, 52.1796

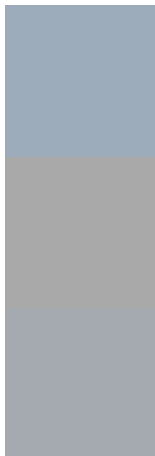
Deuteranomaly

39.6573, 40.1822, 53.2427

Tritanomaly

37.3258, 40.1181, 52.2307

Monochromacy



Original Color

37.4325, 40.1608, 52.7926

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.5210, 39.7766, 46.7744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4325, 40.1608, 52.7926 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(156, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(156, 172, 187)  
}
```

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(156, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 172, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.4325, 40.1608, 52.7926 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(156, 172, 187) }
```


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

```
.border{ border-color:rgb(156, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(156, 172,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4325, 40.1608, 52.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 172, 187) }
```

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

```
.background{ background-color: rgb(156,  
172, 187) }
```

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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