

Converting Colors

XYZ(36.8773, 40.7318, 52.9321)

Have a look what the booklet for
XYZ(36.8773, 40.7318, 52.9321)
contains.

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Color

**XYZ(36.8773, 40.7318,
52.9321)**

Conversions

Conversions Part 1

Format	Color
Hex	96AFBB
RGB	150, 175, 187
RGB Percent	59%, 69%, 73%
CMY	0.4118, 0.3137, 0.2667
CMYK	0.20, 0.06, 0.00, 0.27
HSL	199°, 21%, 66%
HSV	199°, 20%, 73%
XYZ	36.8773, 40.7318, 52.9321
YIQ	168.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

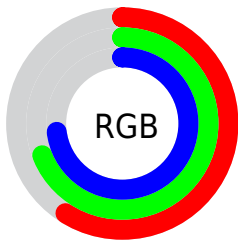
Format	Color
R_{YB}	150, 165, 187
Decimal	9875387
CIE _{Lab}	69.99, -5.96, -9.00
CIE _{LCh}	70, 10.797, 236.511
Y _{xy}	40.7318, 0.2825, 0.3120
Android (android.graphics.Color)	4288065467 (0xFF96AFBB)
YUV	168.8930, 8.9268, -16.5692
Hunter-Lab	63.8215, -8.5468, -4.4988

Details

The XYZ color **36.8773, 40.7318, 52.9321** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9193, 38.6076, 34.2558**, and the grayscale version is **37.6241, 39.5834, 43.1064**.

A 20% lighter version of the original color is **69.9304, 76.6020, 95.8940**, and **16.5316, 18.5398, 25.2615** is the 20% darker color. If you saturate the color by 10%, you get **32.5534, 36.7908, 52.4000**, and if you desaturate by 10%, it is **41.8057, 45.0652, 53.5094**.

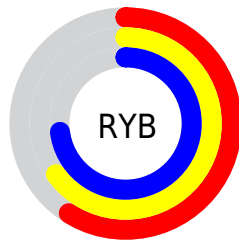
Distribution



Red (59%)

Green (69%)

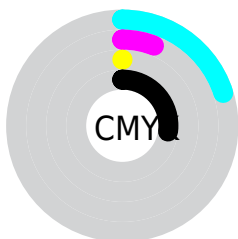
Blue (73%)



Red (59%)

Yellow (65%)

Blue (73%)

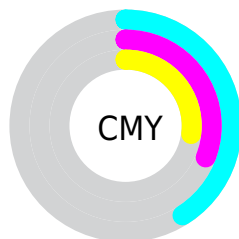


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (41%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8773, 40.7318, 52.9321 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 36.8773, 40.7318, 52.9321 by changing the saturation by 10% instead.

■ 36.8773, 40.7318,
52.9321

■ 36.8773, 40.7318,
52.9321

324.1438,
349.1984, 415.0835

■ 25.2857, 28.1096,
37.3612

■ 69.6991, 76.2766,
95.9450

■ 16.4199, 18.4083,
25.1893

■ 91.6600, 99.9679,
124.2241

■ 9.9145, 11.2435,
15.9979

117.8081,
128.1178, 157.5763

■ 5.4042, 6.2309,
9.3683

148.5088,
161.1106, 196.4202

■ 2.5235, 2.9860,
4.8821

184.1273,
199.3306, 241.1743

■ 0.9071, 1.1244,
2.1207

225.0291,

■ 0.0000, 0.0000,

243.1623, 292.2572

0.6281

271.5794,
292.9901, 350.0874

■ 0.0000, 0.0000,
0.0000

■ 36.8773, 40.7318,
52.9321

■ 36.8773, 40.7318,
52.9321

■ 32.5534, 36.7908,
52.4000

■ 41.8057, 45.0652,
53.5094

■ 28.8039, 33.2226,
51.9089

■ 47.3601, 49.7999,
54.1306

■ 25.6010, 30.0127,
51.4581

■ 53.5650, 54.9507,
54.7977

■ 22.9133, 27.1441,
51.0461

■ 60.4427, 60.5299,
55.5122

■ 20.7060, 24.5976,
50.6709

■ 68.0143, 66.5495,
56.2750

■ 18.9395, 22.3517,
50.3305

■ 73.6003, 71.6289,
56.9610

■ 17.5672, 20.3812,
50.0225

■ 75.1390, 74.7063,
57.4739

■ 16.4988, 18.6385,
49.7424

■ 76.7351, 77.8987,
58.0059

■ 16.4770, 18.6025,
49.7366

■ 78.3894, 81.2072,
58.5574

Harmonies

Analogous

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



35.7649, 40.7318, 48.8174



36.8773, 40.7318, 52.9321



38.5088, 40.7318, 54.7421

Triad

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



36.8773, 40.7318, 52.9321



42.1907, 40.7318, 44.9423



37.2236, 40.7318, 36.2318

Complementary

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



36.8773, 40.7318, 52.9321



38.9193, 38.6076, 34.2558

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.



38.9206, 40.7318, 35.3641



36.8773, 40.7318, 52.9321



41.8216, 40.7318, 40.1638

Square

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



36.8773, 40.7318, 52.9321



41.6052, 40.7318, 49.9144



40.6114, 40.7318, 36.7496



35.9606, 40.7318, 39.2153

Rectangle

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



36.8773, 40.7318, 52.9321



39.6839, 40.7318, 54.3042



40.6114, 40.7318, 36.7496



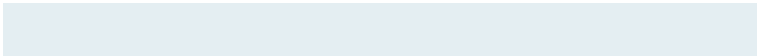
37.7607, 40.7318, 35.6933

Sweetspot

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



36.8785, 40.7335, 52.9330



78.4090, 83.7529, 96.2347



36.8452, 44.6240, 40.7227



17.1263, 18.3233, 21.1767



90.7827, 95.5105, 104.0109



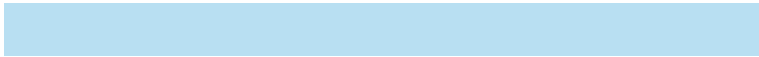
18.6292, 19.5994, 21.3438

Same Dimension

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



36.8785, 40.7335, 52.9330



62.3520, 69.6175, 94.3526



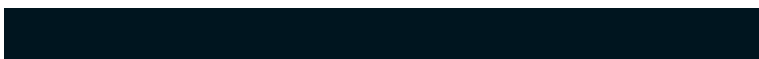
33.5685, 34.1135, 51.8297



9.5407, 10.2737, 12.1524



11.4205, 12.9527, 34.2911



0.5044, 0.6214, 1.3622

Inverse Universe

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



39.1387, 35.4736, 45.3435



67.2401, 58.5974, 77.8595



42.3643, 45.4977, 35.4042



9.7948, 9.6422, 11.3083



16.7653, 8.3373, 14.5895



0.6855, 0.3381, 0.7230

Previews

White Background



This preview shows how the XYZ color 36.8773, 40.7318, 52.9321 looks on a white background.

Color Contrast Check

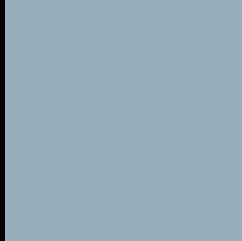
Large Text (above 18pt) WCAG AA × Fail

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 36.8773, 40.7318, 52.9321 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

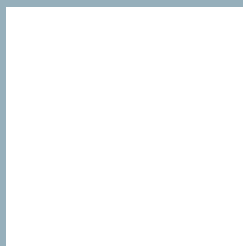
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.8773, 40.7318, 52.9321

Background



This preview shows how black text looks on a background with the XYZ color 36.8773, 40.7318, 52.9321.



This preview shows how white text looks on a background with the XYZ color 36.8773, 40.7318,

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

36.8773, 40.7318, 52.9321

Protanopia

39.6040, 40.7562, 51.1268

Deuteranopia

41.4119, 40.5303, 53.7846



Tritanopia

37.0930, 40.8181, 54.0678

Trichromacy



Original Color

36.8773, 40.7318, 52.9321

Protanomaly

38.6137, 40.7944, 51.7379

Deuteranomaly

39.4135, 40.3316, 53.2844

Tritanomaly

36.9847, 40.7748, 53.4980

Monochromacy



Original Color

36.8773, 40.7318, 52.9321

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.2997, 39.9418, 46.8179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8773, 40.7318, 52.9321 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(150, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(150, 175, 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(150, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 175, 187) }
```

Border

The CSS property to change the border of an element to XYZ 36.8773, 40.7318, 52.9321 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(150, 175, 187) }
```


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

```
.border{ border-color:rgb(150, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(150, 175,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8773, 40.7318, 52.9321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 175, 187) }
```

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

```
.background{ background-color: rgb(150,  
175, 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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