

Converting Colors

XYZ(40.7021, 45.9449, 52.8694)

Have a look what the booklet for
XYZ(40.7021, 45.9449, 52.8694)
contains.

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Color

**XYZ(40.8131, 46.0942,
52.6449)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BAB9
RGB	160, 186, 185
RGB Percent	63%, 73%, 73%
CMY	0.3725, 0.2706, 0.2745
CMYK	0.14, 0.00, 0.01, 0.27
HSL	178°, 16%, 68%
HSV	178°, 14%, 73%
XYZ	40.8131, 46.0942, 52.6449
YIQ	178.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

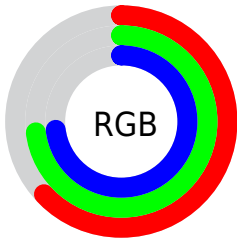
Format	Color
RYB	160, 173, 186
Decimal	10533561
CIELab	73.61, -9.02, -2.48
CIELCh	74, 9.354, 195.376
Yxy	46.0942, 0.2925, 0.3303
Android (android.graphics.Color)	4288723641 (0xFFA0BAB9)
YUV	178.1120, 3.3958, -15.8842
Hunter-Lab	67.8927, -11.5086, 1.5507

Details

The XYZ color **40.8131, 46.0942, 52.6449** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2552, 38.1552, 39.0161**, and the grayscale version is **42.3656, 44.5719, 48.5388**.

A 20% lighter version of the original color is **75.6536, 84.3022, 95.5037**, and **18.7367, 21.6291, 25.0171** is the 20% darker color. If you saturate the color by 10%, you get **37.2942, 44.2901, 52.0868**, and if you desaturate by 10%, it is **44.8914, 48.1891, 53.2331**.

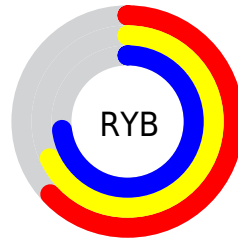
Distribution



Red (63%)

Green (73%)

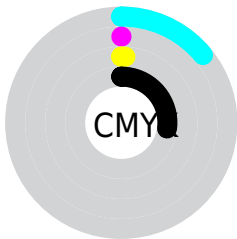
Blue (73%)



Red (63%)

Yellow (68%)

Blue (73%)

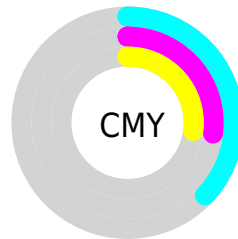


Cyan (14%)

Magenta (0%)

Yellow (1%)

Black (27%)



Cyan (37%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8131, 46.0942, 52.6449 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 40.8131, 46.0942, 52.6449 by changing the saturation by 10% instead.

■ 40.8131, 46.0942,
52.6449

■ 40.8131, 46.0942,
52.6449

340.6148,
371.1872, 413.9488

■ 28.3601, 32.3202,
37.1336

■ 75.6766, 84.3600,
95.5179

■ 18.7391, 21.6062,
25.0143

■ 98.8178, 109.6205,
123.7166

■ 11.5848, 13.5678,
15.8686

126.2524,
139.4786, 156.9816

■ 6.5318, 7.8207,
9.2779

158.3459,
174.3187, 195.7314

■ 3.2148, 3.9804,
4.8236

195.4635,
214.5253, 240.3844

■ 1.2683, 1.6626,
2.0872

237.9706,

■ 0.1593, 0.3993,

260.4826, 291.3593

0.6081

286.2326,
312.5751, 349.0746

■ 0.0000, 0.0000,
0.0000

■ 40.8131, 46.0942,
52.6449

■ 40.8131, 46.0942,
52.6449

■ 37.2942, 44.2901,
52.0868

■ 44.8914, 48.1891,
53.2331

■ 34.3061, 42.7583,
51.5547

■ 49.5482, 50.5809,
53.8493

■ 31.8236, 41.4872,
51.0481

■ 54.8066, 53.2829,
54.4957

■ 29.8180, 40.4619,
50.5659

■ 60.6872, 56.3056,
55.1733

■ 28.2576, 39.6660,
50.1065

■ 67.2098, 59.6591,
55.8829

■ 27.1071, 39.0814,
49.6682

■ 68.0182, 60.0669,
56.3271

■ 26.3255, 38.6870,
49.2492

■ 68.0965, 60.0982,
56.7391

■ 25.8637, 38.4573,
48.8471

■ 68.1751, 60.1296,
57.1532

■ 25.6793, 38.3673,
48.6104

■ 68.2541, 60.1612,
57.5692

Harmonies

Analogous

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



40.8028, 46.0942, 47.9221



40.8131, 46.0942, 52.6449



41.6130, 46.0942, 56.9606

Triad

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



40.8131, 46.0942, 52.6449



46.1159, 46.0942, 56.8686



44.6197, 46.0942, 41.8746

Complementary

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



40.8131, 46.0942, 52.6449



39.2552, 38.1552, 39.0161

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.



46.0854, 46.0942, 43.9761



40.8131, 46.0942, 52.6449



46.9639, 46.0942, 52.5257

Square

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



40.8131, 46.0942, 52.6449



44.6606, 46.0942, 59.5017



46.9525, 46.0942, 47.8102



42.9726, 46.0942, 41.9020

Rectangle

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



40.8131, 46.0942, 52.6449



42.4982, 46.0942, 58.9404



46.9525, 46.0942, 47.8102



45.1509, 46.0942, 42.3494

Sweetspot

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



40.8144, 46.0961, 52.6459



81.2958, 87.3062, 96.4741



38.6640, 45.2661, 39.9580



17.7715, 19.1589, 21.2271



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.



40.8144, 46.0961, 52.6459



71.7588, 82.4107, 95.0793



38.5556, 41.4085, 52.4171



9.2513, 10.2045, 11.4808



17.2820, 25.8138, 32.7368



0.6139, 0.9119, 1.1786

Inverse Universe

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



39.2552, 38.1552, 39.0161



68.3447, 65.0217, 65.2333



41.2920, 42.3698, 39.2604



9.0183, 9.0177, 9.4436



13.6562, 7.0363, 0.8106



0.4862, 0.2500, 0.0537

Previews

White Background



This preview shows how the XYZ color 40.8131, 46.0942, 52.6449 looks on a white background.

Color Contrast Check

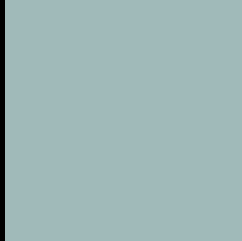
Large Text (above 18pt) WCAG AA × Fail

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 40.8131, 46.0942, 52.6449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

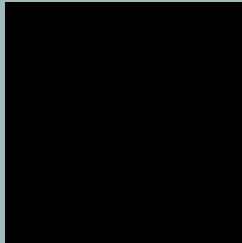
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

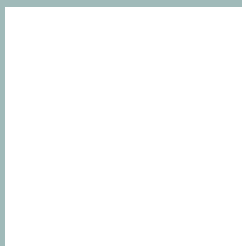
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8131, 46.0942, 52.6449

Background



This preview shows how black text looks on a background with the XYZ color 40.8131, 46.0942, 52.6449.

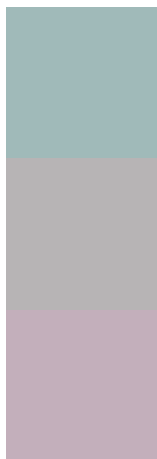


This preview shows how white text looks on a background with the XYZ color 40.8131, 46.0942,

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

40.8131, 46.0942, 52.6449

Protanopia

44.1902, 46.0460, 50.2748

Deuteranopia

46.8053, 45.8499, 53.3967



Tritanopia

42.3496, 46.0859, 60.6962

Trichromacy



Original Color

40.8131, 46.0942, 52.6449

Protanomaly

42.8506, 45.9473, 50.8662

Deuteranomaly

44.2744, 45.7305, 52.9477

Tritanomaly

41.7845, 46.1700, 57.7484

Monochromacy



Original Color

40.8131, 46.0942, 52.6449

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.6589, 45.0419, 50.2144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8131, 46.0942, 52.6449 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(160, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(160, 186, 185)  
}
```

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(160, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 40.8131, 46.0942, 52.6449 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(160, 186, 185) }
```


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

```
.border{ border-color:rgb(160, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(160, 186,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8131, 46.0942, 52.6449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 186, 185) }
```

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

```
.background{ background-color: rgb(160,  
186, 185) }
```

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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