

Converting Colors

XYZ(40.8174, 46.9507, 55.4112)

Have a look what the booklet for
XYZ(40.8174, 46.9507, 55.4112)
contains.

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Color

**XYZ(40.8183, 46.9829,
55.6325)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9ABDBE |
| RGB | 154, 189, 190 |
| RGB Percent | 60%, 74%, 75% |
| CMY | 0.3961, 0.2588, 0.2549 |
| CMYK | 0.19, 0.01, 0.00, 0.25 |
| HSL | 182°, 22%, 67% |
| HSV | 182°, 19%, 75% |
| XYZ | 40.8183, 46.9829, 55.6325 |
| YIQ | 178.6490, -21.1810, -7.1090 |

Conversions

Conversions Part 2

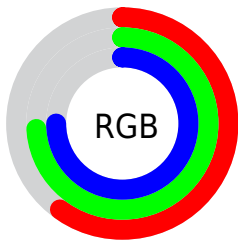
| Format | Color |
|-------------------------------------|--|
| RYB | 154, 172, 190 |
| Decimal | 10141118 |
| CIELab | 74.18, -11.47, -4.41 |
| CIELCh | 74, 12.288, 201.025 |
| Yxy | 46.9829, 0.2846, 0.3276 |
| Android (android.graphics.Color) | 4288331198 (0xFF9ABDBE) |
| YUV | 178.6490, 5.5960, -21.6172 |
| Hunter-Lab | 68.5441, -13.6546, -0.1408 |

Details

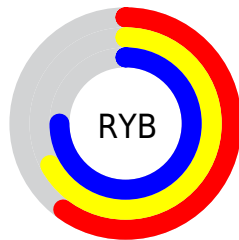
The XYZ color **40.8183, 46.9829, 55.6325** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7898, 36.7231, 35.6166**, and the grayscale version is **42.6413, 44.8620, 48.8547**.

A 20% lighter version of the original color is **75.5815, 85.5139, 99.7111**, and **18.7990, 22.2392, 26.9687** is the 20% darker color. If you saturate the color by 10%, you get **37.3718, 45.0395, 55.4398**, and if you desaturate by 10%, it is **44.8404, 49.2260, 55.8542**.

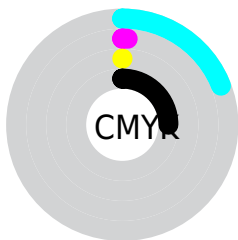
Distribution



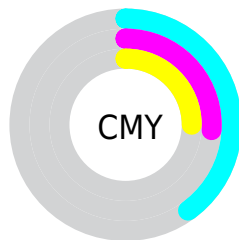
- Red (60%)
- Green (74%)
- Blue (75%)



- Red (60%)
- Yellow (67%)
- Blue (75%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8183, 46.9829, 55.6325 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 40.8183, 46.9829, 55.6325 by changing the saturation by 10% instead.

■ 40.8183, 46.9829,
55.6325

■ 40.8183, 46.9829,
55.6325

340.6362,
374.7463, 425.6544

■ 28.3642, 33.0221,
39.5063

■ 75.6844, 85.6881,
99.9475

■ 18.7422, 22.1434,
26.8430

■ 98.8272, 111.2013,
128.9734

■ 11.5871, 13.9623,
17.2239

126.2635,
141.3342, 163.1362

■ 6.5333, 8.0945,
10.2306

158.3587,
176.4710, 202.8547

■ 3.2157, 4.1554,
5.4446

195.4783,
216.9962, 248.5471

■ 1.2688, 1.7609,
2.4471

237.9875,

■ 0.1597, 0.4626,

263.2943, 300.6322

0.8119

286.2517,
315.7495, 359.5285

■ 0.0000, 0.0000,
0.0000

■ 40.8183, 46.9829,
55.6325

■ 40.8183, 46.9829,
55.6325

■ 37.3718, 45.0395,
55.4398

■ 44.8404, 49.2260,
55.8542

■ 34.4698, 43.3763,
55.2717

■ 49.4590, 51.7761,
56.1030

■ 32.0848, 41.9802,
55.1279

■ 54.6992, 54.6472,
56.3810

■ 30.1851, 40.8348,
55.0070

■ 60.5832, 57.8508,
56.6892

■ 28.7353, 39.9220,
54.9072

■ 67.1323, 61.3978,
57.0287

■ 27.6957, 39.2213,
54.8268

■ 69.4199, 62.7487,
57.1689

■ 27.0193, 38.7084,
54.7634

■ 69.5358, 62.9806,
57.2075

■ 26.6249, 38.3415,
54.7134

■ 69.6522, 63.2133,
57.2463

■ 26.5882, 38.3054,
54.7083

■ 69.7690, 63.4468,
57.2852

Harmonies

Analogous

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



40.6020, 46.9829, 49.2876



40.8183, 46.9829, 55.6325



42.0447, 46.9829, 61.1767

Triad

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



40.8183, 46.9829, 55.6325



48.0298, 46.9829, 59.1705



45.3197, 46.9829, 40.0870

Complementary

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



40.8183, 46.9829, 55.6325



38.7898, 36.7231, 35.6166

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.



47.3729, 46.9829, 42.2947



40.8183, 46.9829, 55.6325



48.9710, 46.9829, 53.0719

Square

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



40.8183, 46.9829, 55.6325



46.1926, 46.9829, 63.3333



48.7267, 46.9829, 46.9271



43.1536, 46.9829, 40.6498

Rectangle

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



40.8183, 46.9829, 55.6325



43.2929, 46.9829, 63.5046



48.7267, 46.9829, 46.9271



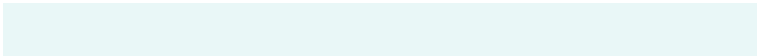
46.0470, 46.9829, 40.5226

Sweetspot

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



40.8197, 46.9848, 55.6336



83.5288, 90.4622, 101.3376



37.6236, 46.0510, 37.7412



18.2247, 19.7997, 22.2465



92.9021, 97.7402, 106.4391



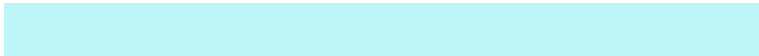
19.4759, 20.4902, 22.3138

Same Dimension

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



40.8197, 46.9848, 55.6336



71.0796, 83.5173, 100.6533



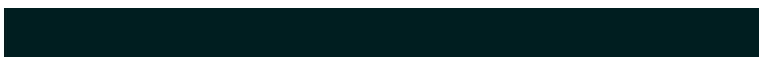
37.2602, 39.8658, 54.4471



9.7853, 10.7629, 12.2339



17.6894, 25.4905, 36.3807



0.7001, 1.0129, 1.4275

Inverse Universe

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



41.9772, 37.7335, 53.2171



73.5943, 63.5041, 95.3853



41.9358, 43.0151, 36.6653



9.9182, 9.6916, 11.9584



19.9296, 9.6030, 31.2523



0.7843, 0.3776, 1.2433

Previews

White Background



This preview shows how the XYZ color 40.8183, 46.9829, 55.6325 looks on a white background.

Color Contrast Check

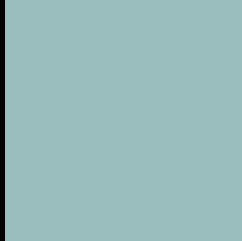
Large Text (above 18pt) WCAG AA × Fail

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 40.8183, 46.9829, 55.6325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

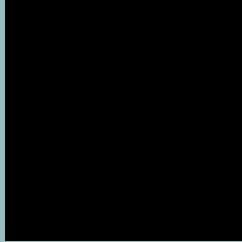
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8183, 46.9829, 55.6325

Background



This preview shows how black text looks on a background with the XYZ color 40.8183, 46.9829, 55.6325.

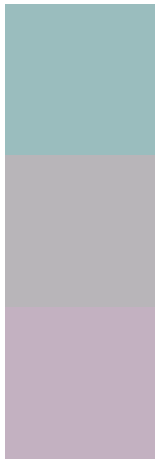


This preview shows how white text looks on a background with the XYZ color 40.8183, 46.9829,

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

40.8183, 46.9829, 55.6325

Protanopia

45.0480, 46.7409, 52.5465

Deuteranopia

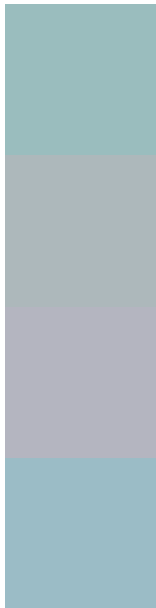
47.8535, 46.8966, 56.9819



Tritanopia

42.1413, 46.8728, 62.7034

Trichromacy



Original Color

40.8183, 46.9829, 55.6325

Protanomaly

43.3437, 46.7531, 53.7535

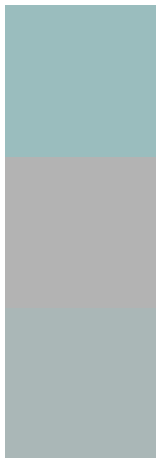
Deuteranomaly

44.8607, 46.5568, 56.4911

Tritanomaly

41.6938, 47.0122, 60.3028

Monochromacy



Original Color

40.8183, 46.9829, 55.6325

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.0583, 45.8319, 51.4295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8183, 46.9829, 55.6325 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(154, 189, 190)` looks like.

```
.text, #text, p{  
    color:rgb(154, 189, 190)  
}
```

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(154, 189, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 189, 190) }
```

Border

The CSS property to change the border of an element to XYZ 40.8183, 46.9829, 55.6325 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(154, 189, 190) }
```


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

```
.border{ border-color:rgb(154, 189, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 189, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 189, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 189, 190);  
box-shadow:4px 4px 4px 4px rgb(154, 189,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8183, 46.9829, 55.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 189, 190) }
```

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

```
.background{ background-color: rgb(154,  
189, 190) }
```

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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