

Converting Colors

XYZ(40.2079, 45.9872, 45.3402)

Have a look what the booklet for
XYZ(40.2079, 45.9872, 45.3402)
contains.

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Color

**XYZ(40.2194, 45.9506,
45.2776)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A4BAAB |
| RGB | 164, 186, 171 |
| RGB Percent | 64%, 73%, 67% |
| CMY | 0.3569, 0.2706, 0.3294 |
| CMYK | 0.12, 0.00, 0.08, 0.27 |
| HSL | 139°, 14%, 69% |
| HSV | 139°, 12%, 73% |
| XYZ | 40.2194, 45.9506, 45.2776 |
| YIQ | 177.7120, -8.2970, -9.3290 |

Conversions

Conversions Part 2

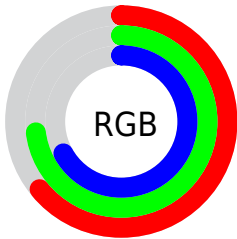
| Format | Color |
|-------------------------------------|---|
| RYB | 164, 181, 186 |
| Decimal | 10795691 |
| CIELab | 73.51, -10.46, 5.05 |
| CIELCh | 74, 11.613, 154.208 |
| Yxy | 45.9506, 0.3060, 0.3496 |
| Android (android.graphics.Color) | 4288985771 (0xFFA4BAAB) |
| YUV | 177.7120, -3.3090, -12.0254 |
| Hunter-Lab | 67.7869, -12.7192, 7.8486 |

Details

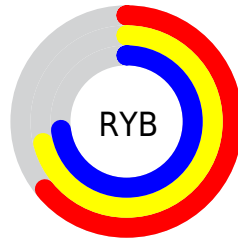
The XYZ color **40.2194, 45.9506, 45.2776** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6635, 40.2458, 48.2223**, and the grayscale version is **42.1858, 44.3828, 48.3329**.

A 20% lighter version of the original color is **74.6930, 84.0553, 84.2391**, and **18.3994, 21.5517, 20.6429** is the 20% darker color. If you saturate the color by 10%, you get **35.5066, 43.6554, 39.0466**, and if you desaturate by 10%, it is **45.6122, 48.5855, 52.1479**.

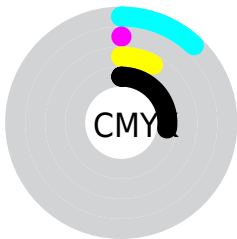
Distribution



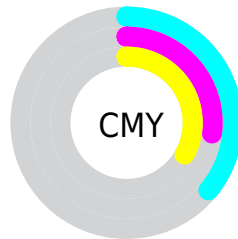
- Red (64%)
- Green (73%)
- Blue (67%)



- Red (64%)
- Yellow (71%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)





- Cyan (36%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2194, 45.9506, 45.2776 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 40.2194, 45.9506, 45.2776 by changing the saturation by 10% instead.


 40.2194, 45.9506,
45.2776


 40.2194, 45.9506,
45.2776


338.1660,
370.6100, 384.0895

 27.8946, 32.2068,
31.3316


 74.7797, 84.1451,
84.4597

 18.3863, 21.5195,
20.5909


 97.7460, 109.3646,
110.5328

 11.3290, 13.5043,
12.6370


124.9901,
139.1781, 141.4855

 6.3575, 7.7767,
7.0513

156.8774,
173.9700, 177.7361

 3.1064, 3.9524,
3.4153

193.7733,
214.1248, 219.7033

 1.2103, 1.6470,
1.3104

236.0431,

 0.1145, 0.3890,

260.0268, 267.8056

0.0703

284.0523,
312.0604, 322.4615

■ 0.0000, 0.0000,
0.0000

■ 40.2194, 45.9506,
45.2776

■ 40.2194, 45.9506,
45.2776

■ 35.5066, 43.6554,
39.0466

■ 45.6122, 48.5855,
52.1479

■ 31.4425, 41.6803,
33.4337

■ 51.7071, 51.5674,
59.6720

■ 27.9989, 40.0124,
28.4208

■ 58.5300, 54.9103,
67.8677

■ 25.1440, 38.6359,
23.9877

■ 66.1040, 58.6261,
76.7512

■ 22.8431, 37.5331,
20.1132

■ 73.7108, 62.3440,
86.3035

■ 21.0578, 36.6848,
16.7748

■ 75.6034, 63.1010,
96.2699

■ 19.7443, 36.0688,
13.9484

■ 76.8498, 63.5996,
102.8333

■ 18.8510, 35.6592,
11.6078

■ 18.3538, 35.4372,
10.0345

Harmonies

Analogous

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



41.4949, 45.9506, 41.2616



40.2194, 45.9506, 45.2776



39.8587, 45.9506, 50.8658

Triad

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



40.2194, 45.9506, 45.2776



43.9647, 45.9506, 62.1620



47.0177, 45.9506, 43.9478

Complementary

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



40.2194, 45.9506, 45.2776



41.6635, 40.2458, 48.2223

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.



47.7267, 45.9506, 49.2082



40.2194, 45.9506, 45.2776



45.9294, 45.9506, 59.9655

Square

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



40.2194, 45.9506, 45.2776



41.9812, 45.9506, 60.9055



47.3224, 45.9506, 55.1089



45.4130, 45.9506, 40.5370

Rectangle

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



40.2194, 45.9506, 45.2776



40.1758, 45.9506, 54.8078



47.3224, 45.9506, 55.1089



47.3710, 45.9506, 45.5427

Sweetspot

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



40.2207, 45.9525, 45.2786



80.3759, 86.9382, 91.6296



42.8596, 47.3880, 42.0103



17.5320, 19.0631, 19.9659



90.7827, 95.5105, 104.0109



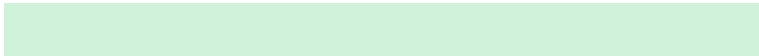
18.6292, 19.5994, 21.3438

Same Dimension

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



40.2207, 45.9525, 45.2786



70.7360, 82.2328, 79.2484



41.3103, 46.3884, 51.0165



9.0049, 10.1059, 10.1834



12.3778, 23.8521, 6.9115



0.4653, 0.8524, 0.3963

Inverse Universe

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



41.6635, 40.2458, 48.2223



73.8303, 69.9924, 85.5610



40.5975, 39.8194, 42.6091



9.2560, 9.1128, 10.6958



16.2281, 8.0650, 14.3540



0.5989, 0.2950, 0.6471

Previews

White Background



This preview shows how the XYZ color 40.2194, 45.9506, 45.2776 looks on a white background.

Color Contrast Check

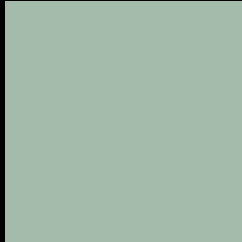
Large Text (above 18pt) WCAG AA × Fail

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 40.2194, 45.9506, 45.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

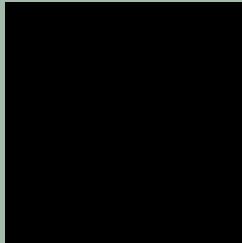
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

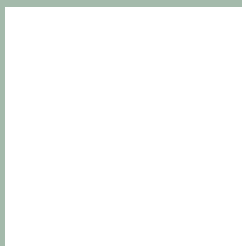
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2194, 45.9506, 45.2776

Background



This preview shows how black text looks on a background with the XYZ color 40.2194, 45.9506, 45.2776.

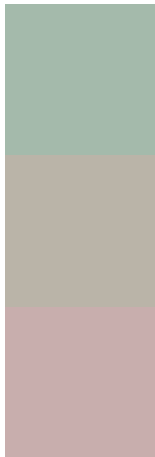


This preview shows how white text looks on a background with the XYZ color 40.2194, 45.9506,

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

40.2194, 45.9506, 45.2776

Protanopia

43.6388, 45.9088, 43.6071

Deuteranopia

46.4983, 45.5686, 45.8801



Tritanopia

42.9544, 45.8119, 59.4020

Trichromacy



Original Color

40.2194, 45.9506, 45.2776

Protanomaly

42.2495, 45.7854, 44.1468

Deuteranomaly

43.8603, 45.3841, 45.4781

Tritanomaly

41.9469, 45.7133, 54.1897

Monochromacy



Original Color

40.2194, 45.9506, 45.2776

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.4953, 45.0271, 47.0615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2194, 45.9506, 45.2776 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(164, 186, 171)` looks like.

```
.text, #text, p{  
    color:rgb(164, 186, 171)  
}
```

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(164, 186, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 186, 171) }
```

Border

The CSS property to change the border of an element to XYZ 40.2194, 45.9506, 45.2776 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(164, 186, 171) }
```


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

```
.border{ border-color:rgb(164, 186, 171) }
```

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

Here you see how a box with a 4 pixel rgb(164, 186, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 186, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 186, 171);  
box-shadow:4px 4px 4px 4px rgb(164, 186,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2194, 45.9506, 45.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 186, 171) }
```

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

```
.background{ background-color: rgb(164,  
186, 171) }
```

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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