

Converting Colors

XYZ(40.0669, 45.1643, 49.0008)

Have a look what the booklet for
XYZ(40.0669, 45.1643, 49.0008)
contains.

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Color

**XYZ(40.1775, 45.2170,
49.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B8B3
RGB	162, 184, 179
RGB Percent	64%, 72%, 70%
CMY	0.3647, 0.2784, 0.2980
CMYK	0.12, 0.00, 0.03, 0.28
HSL	166°, 13%, 68%
HSV	166°, 12%, 72%
XYZ	40.1775, 45.2170, 49.2580
YIQ	176.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

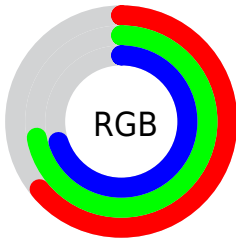
Format	Color
RYB	162, 174, 184
Decimal	10664115
CIELab	73.03, -8.52, -0.03
CIELCh	73, 8.522, 180.170
Yxy	45.2170, 0.2984, 0.3358
Android (android.graphics.Color)	4288854195 (0xFFA2B8B3)
YUV	176.8520, 1.0590, -13.0252
Hunter-Lab	67.2436, -11.0240, 3.6388

Details

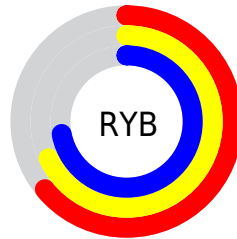
The XYZ color **40.1775, 45.2170, 49.2580** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.6642, 38.8223, 41.9643**, and the grayscale version is **41.7123, 43.8846, 47.7903**.

A 20% lighter version of the original color is **74.7708, 83.0700, 90.6905**, and **18.3126, 21.0540, 22.8373** is the 20% darker color. If you saturate the color by 10%, you get **36.2934, 43.2640, 46.9015**, and if you desaturate by 10%, it is **44.6240, 47.4608, 51.7097**.

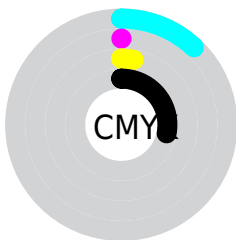
Distribution



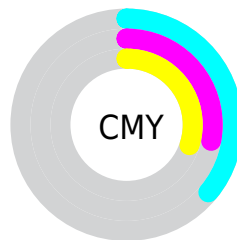
- Red (64%)
- Green (72%)
- Blue (70%)



- Red (64%)
- Yellow (68%)
- Blue (72%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (36%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1775, 45.2170, 49.2580 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 40.1775, 45.2170, 49.2580 by changing the saturation by 10% instead.

■ 40.1775, 45.2170,
49.2580

■ 40.1775, 45.2170,
49.2580

337.9927,
367.6517, 400.4088

■ 27.8618, 31.6284,
34.4571

■ 74.7164, 83.0459,
90.4595

■ 18.3614, 21.0778,
22.9648

■ 97.6702, 108.0551,
117.6972

■ 11.3110, 13.1809,
14.3625

124.9008,
137.6398, 149.9175

■ 6.3453, 7.5532,
8.2316

156.7736,
172.1846, 187.5392

■ 3.0988, 3.8104,
4.1536

193.6538,
212.0738, 230.9806

■ 1.2062, 1.5681,
1.7100

235.9068,

■ 0.1113, 0.3359,

257.6917, 280.6603

0.3676

283.8980,
309.4229, 336.9968

■ 0.0000, 0.0000,
0.0000

■ 40.1775, 45.2170,
49.2580

■ 40.1775, 45.2170,
49.2580

■ 36.2934, 43.2640,
46.9015

■ 44.6240, 47.4608,
51.7097

■ 32.9440, 41.5841,
44.6356

■ 49.6513, 50.0014,
54.2552

■ 30.1051, 40.1658,
42.4594

■ 55.2818, 52.8514,
56.8972

■ 27.7491, 38.9950,
40.3711

■ 61.5356, 56.0212,
59.6370

■ 25.8458, 38.0562,
38.3686

■ 68.4317, 59.5205,
62.4762

■ 24.3613, 37.3318,
36.4497

■ 69.2928, 59.9072,
65.1028

■ 23.2570, 36.8021,
34.6120

■ 69.8018, 60.1108,
67.7834

■ 22.4870, 36.4433,
32.8527

■ 70.3244, 60.3198,
70.5354

■ 22.0364, 36.2406,
31.4908

■ 70.8607, 60.5344,
73.3596

Harmonies

Analogous

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



40.5412, 45.2170, 45.2666



40.1775, 45.2170, 49.2580



40.5494, 45.2170, 53.4705

Triad

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



40.1775, 45.2170, 49.2580



44.4324, 45.2170, 56.6680



44.4173, 45.2170, 42.4576

Complementary

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



40.1775, 45.2170, 49.2580



39.6642, 38.8223, 41.9643

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.



45.5004, 45.2170, 45.2267



40.1775, 45.2170, 49.2580



45.5092, 45.2170, 53.4259

Square

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



40.1775, 45.2170, 49.2580



42.9859, 45.2170, 57.8967



45.9045, 45.2170, 49.2093



42.9689, 45.2170, 41.4809

Rectangle

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



40.1775, 45.2170, 49.2580



41.1696, 45.2170, 55.8027



45.9045, 45.2170, 49.2093



44.8374, 45.2170, 43.2015

Sweetspot

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



40.1788, 45.2189, 49.2590



79.1031, 85.1301, 92.7822



39.6281, 45.1216, 40.8040



16.9184, 18.2844, 19.9294



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.1788, 45.2189, 49.2590



71.1403, 81.1160, 88.3035



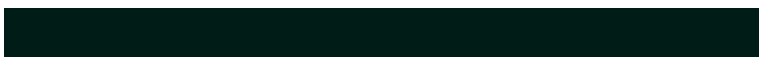
39.5004, 43.0376, 51.5747



9.1769, 10.1747, 11.0891



15.2144, 24.9867, 21.8486



0.5581, 0.8896, 0.8849

Inverse Universe

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



39.6642, 38.8223, 41.9643



70.0474, 67.5272, 72.8079



40.2683, 40.7565, 39.9277



9.0860, 9.0448, 9.8004



13.9322, 7.1466, 2.2640



0.5152, 0.2616, 0.2065

Previews

White Background



This preview shows how the XYZ color 40.1775, 45.2170, 49.2580 looks on a white background.

Color Contrast Check

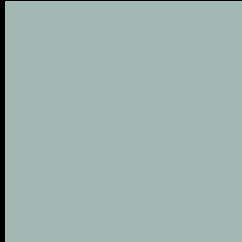
Large Text (above 18pt) WCAG AA × Fail

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 40.1775, 45.2170, 49.2580 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 40.1775, 45.2170, 49.2580

Background



This preview shows how black text looks on a background with the XYZ color 40.1775, 45.2170, 49.2580.



This preview shows how white text looks on a background with the XYZ color 40.1775, 45.2170,

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

40.1775, 45.2170, 49.2580

Protanopia

43.2853, 45.0427, 47.4870

Deuteranopia

45.7897, 44.8254, 49.9549



Tritanopia

42.0047, 45.0326, 58.7028

Trichromacy



Original Color

40.1775, 45.2170, 49.2580

Protanomaly

41.9363, 44.9308, 48.0572

Deuteranomaly

43.4888, 44.8068, 49.5365

Tritanomaly

41.3321, 45.0661, 55.2354

Monochromacy



Original Color

40.1775, 45.2170, 49.2580

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3704, 44.6275, 48.5530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1775, 45.2170, 49.2580 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(162, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(162, 184, 179)  
}
```

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(162, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 184, 179) }
```

Border

The CSS property to change the border of an element to XYZ 40.1775, 45.2170, 49.2580 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(162, 184, 179) }
```


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

```
.border{ border-color:rgb(162, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(162, 184,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1775, 45.2170, 49.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 184, 179) }
```

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

```
.background{ background-color: rgb(162,  
184, 179) }
```

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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