

Converting Colors

XYZ(45.3956, 52.6907, 52.9538)

Have a look what the booklet for
XYZ(45.3956, 52.6907, 52.9538)
contains.

XYZ(45.4373, 52.7426, 53.1329)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.4373, 52.7426,
53.1329)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C7B8
RGB	169, 199, 184
RGB Percent	66%, 78%, 72%
CMY	0.3373, 0.2196, 0.2784
CMYK	0.15, 0.00, 0.08, 0.22
HSL	150°, 21%, 72%
HSV	150°, 15%, 78%
XYZ	45.4373, 52.7426, 53.1329
YIQ	188.3200, -13.0650, -11.0250

Conversions

Conversions Part 2

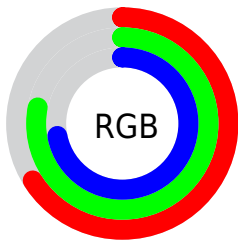
Format	Color
RYB	169, 189, 199
Decimal	11126712
CIELab	77.72, -13.02, 4.13
CIELCh	78, 13.662, 162.390
Yxy	52.7426, 0.3003, 0.3486
Android (android.graphics.Color)	4289316792 (0xFFA9C7B8)
YUV	188.3200, -2.1298, -16.9436
Hunter-Lab	72.6241, -15.4136, 7.4594

Details

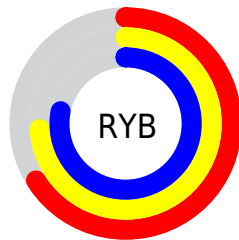
The XYZ color **45.4373, 52.7426, 53.1329** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3947, 43.9800, 51.3935**, and the grayscale version is **48.0001, 50.4999, 54.9944**.

A 20% lighter version of the original color is **82.2286, 93.6586, 96.1821**, and **21.5583, 25.6714, 25.2916** is the 20% darker color. If you saturate the color by 10%, you get **40.4822, 50.3059, 47.6465**, and if you desaturate by 10%, it is **51.1186, 55.5481, 59.0386**.

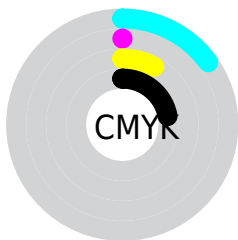
Distribution



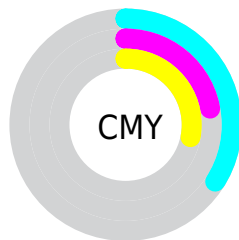
- Red (66%)
- Green (78%)
- Blue (72%)



- Red (66%)
- Yellow (74%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (34%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4373, 52.7426, 53.1329 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 45.4373, 52.7426, 53.1329 by changing the saturation by 10% instead.

■ 45.4373, 52.7426,
53.1329

■ 45.4373, 52.7426,
53.1329

359.2957,
397.2968, 415.8755

■ 32.0048, 37.5973,
37.5204

■ 82.6093, 94.2255,
96.2434

■ 21.5207, 25.6703,
25.3117

■ 107.0794,
121.3319, 124.5786

■ 13.6198, 16.5772,
16.0883

135.9594,
153.1942, 157.9917

■ 7.9366, 9.9335,
9.4317

169.6148,
190.1967, 196.9013

■ 4.1059, 5.3549,
4.9232

208.4107,
232.7238, 241.7259

■ 1.7622, 2.4569,
2.1443

252.7126,

■ 0.4947, 0.8550,

281.1599, 292.8841

0.6419

302.8858,
335.8894, 350.7945

■ 0.0000, 0.0000,
0.0000

■ 45.4373, 52.7426,
53.1329

■ 45.4373, 52.7426,
53.1329

■ 40.4822, 50.3059,
47.6465

■ 51.1186, 55.5481,
59.0386

■ 36.2180, 48.2157,
42.5666

■ 57.5505, 58.7304,
65.3691

■ 32.6132, 46.4572,
37.8847

■ 64.7618, 62.3057,
72.1341

■ 29.6318, 45.0122,
33.5909

■ 72.7783, 66.2871,
79.3421

■ 27.2345, 43.8605,
29.6747

■ 76.4809, 68.0355,
86.7604

■ 25.3769, 42.9796,
26.1249

■ 77.9493, 68.6229,
94.4932

■ 24.0080, 42.3432,
22.9299

■ 79.4994, 69.2429,
102.6555

■ 23.0658, 41.9196,
20.0770

■ 79.7145, 69.3289,
103.7882

■ 22.7002, 41.7592,
18.7922

Harmonies

Analogous

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



46.7791, 52.7426, 47.3278



45.4373, 52.7426, 53.1329



45.3251, 52.7426, 60.6100

Triad

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



45.4373, 52.7426, 53.1329



51.2295, 52.7426, 72.8611



53.9811, 52.7426, 48.1571

Complementary

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



45.4373, 52.7426, 53.1329



46.3947, 43.9800, 51.3935

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.



55.2635, 52.7426, 54.3588



45.4373, 52.7426, 53.1329



53.6378, 52.7426, 68.8711

Square

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



45.4373, 52.7426, 53.1329



48.6073, 52.7426, 72.4595



55.1357, 52.7426, 61.9480



51.6847, 52.7426, 44.6334

Rectangle

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



45.4373, 52.7426, 53.1329



45.9571, 52.7426, 65.5889



55.1357, 52.7426, 61.9480



54.5487, 52.7426, 49.9733

Sweetspot

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



45.4388, 52.7448, 53.1341



89.5042, 97.2577, 103.3709



47.4739, 53.9661, 45.4510



18.9966, 20.7376, 21.9626



0.0000, 0.0000, 0.0000



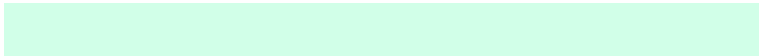
20.3446, 21.4041, 23.3091

Same Dimension

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



45.4388, 52.7448, 53.1341



76.6551, 90.9188, 89.8885



47.0382, 53.3846, 61.5567



10.7149, 11.9748, 12.4489



14.6403, 26.8685, 12.3161



0.7298, 1.2868, 0.7757

Inverse Universe

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



46.3947, 43.9800, 51.3935



78.6379, 72.7392, 86.2782



44.9512, 43.4025, 43.7916



10.8513, 10.7239, 12.2005



16.6533, 8.4109, 8.6503



0.8251, 0.4129, 0.6021

Previews

White Background



This preview shows how the XYZ color 45.4373, 52.7426, 53.1329 looks on a white background.

Color Contrast Check

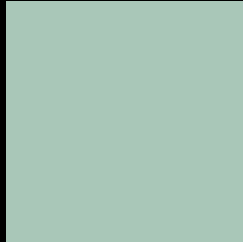
Large Text (above 18pt) WCAG AA × Fail

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 45.4373, 52.7426, 53.1329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

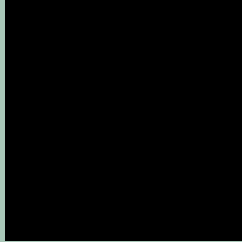
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

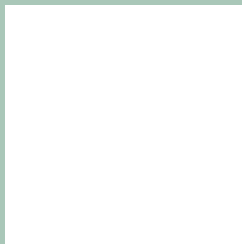
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.4373, 52.7426, 53.1329

Background



This preview shows how black text looks on a background with the XYZ color 45.4373, 52.7426, 53.1329.

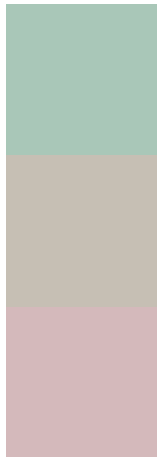


This preview shows how white text looks on a background with the XYZ color 45.4373, 52.7426,

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

45.4373, 52.7426, 53.1329

Protanopia

50.1577, 52.5627, 50.6820

Deuteranopia

53.4700, 52.2828, 54.2871



Tritanopia

48.7285, 52.7320, 69.2380

Trichromacy



Original Color

45.4373, 52.7426, 53.1329

Protanomaly

48.1258, 52.4846, 51.3101

Deuteranomaly

50.0413, 52.1078, 53.8747

Tritanomaly

47.2958, 52.4676, 62.8928

Monochromacy



Original Color

45.4373, 52.7426, 53.1329

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.8753, 51.1109, 54.4085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4373, 52.7426, 53.1329 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(169, 199, 184)` looks like.

```
.text, #text, p{  
    color:rgb(169, 199, 184)  
}
```

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(169, 199, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 199, 184) }
```

Border

The CSS property to change the border of an element to XYZ 45.4373, 52.7426, 53.1329 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(169, 199, 184) }
```


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

```
.border{ border-color:rgb(169, 199, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 199, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 199, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 199, 184);  
box-shadow:4px 4px 4px 4px rgb(169, 199,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4373, 52.7426, 53.1329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 199, 184) }
```

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

```
.background{ background-color: rgb(169,  
199, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor