

Converting Colors

XYZ(45.1721, 52.6122, 52.8483)

Have a look what the booklet for
XYZ(45.1721, 52.6122, 52.8483)
contains.

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Color

**XYZ(45.2236, 52.6324,
53.1229)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C7B8
RGB	168, 199, 184
RGB Percent	66%, 78%, 72%
CMY	0.3412, 0.2196, 0.2784
CMYK	0.16, 0.00, 0.08, 0.22
HSL	151°, 22%, 72%
HSV	151°, 16%, 78%
XYZ	45.2236, 52.6324, 53.1229
YIQ	188.0210, -13.6610, -11.2370

Conversions

Conversions Part 2

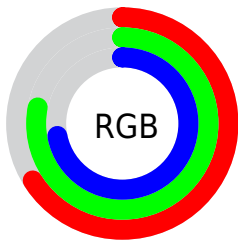
Format	Color
RYB	168, 188, 199
Decimal	11061176
CIELab	77.66, -13.35, 4.03
CIELCh	78, 13.949, 163.205
Yxy	52.6324, 0.2995, 0.3486
Android (android.graphics.Color)	4289251256 (0xFFA8C7B8)
YUV	188.0210, -1.9824, -17.5584
Hunter-Lab	72.5482, -15.6897, 7.3691

Details

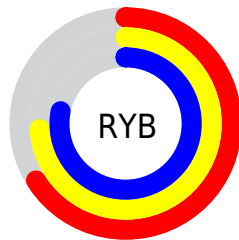
The XYZ color **45.2236, 52.6324, 53.1229** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.1050, 43.5676, 50.7815**, and the grayscale version is **47.8296, 50.3204, 54.7989**.

A 20% lighter version of the original color is **81.9196, 93.4992, 96.1676**, and **21.4246, 25.6025, 25.2853** is the 20% darker color. If you saturate the color by 10%, you get **40.3317, 50.2247, 47.8030**, and if you desaturate by 10%, it is **50.8356, 55.4063, 58.8375**.

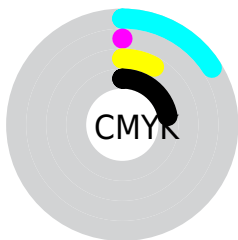
Distribution



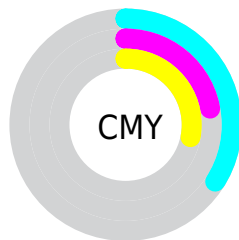
- Red (66%)
- Green (78%)
- Blue (72%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2236, 52.6324, 53.1229 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 45.2236, 52.6324, 53.1229 by changing the saturation by 10% instead.


 45.2236, 52.6324,
53.1229


 45.2236, 52.6324,
53.1229


358.4469,
396.8732, 415.8361

 31.8356, 37.5094,
37.5125


 82.2908, 94.0632,
96.2286

 21.3909, 25.6021,
25.3057


 106.7008,
121.1398, 124.5609

 13.5241, 16.5262,
16.0838


135.5155,
152.9698, 157.9710

 7.8699, 9.8973,
9.4285

169.1002,
189.9374, 196.8773

 4.0629, 5.3309,
4.9211

207.8204,
232.4272, 241.6985

 1.7378, 2.4427,
2.1431

252.0413,

 0.4798, 0.8477,

280.8235, 292.8529

0.6413

302.1283,
335.5107, 350.7593

■ 0.0000, 0.0000,
0.0000

■ 45.2236, 52.6324,
53.1229

■ 45.2236, 52.6324,
53.1229

■ 40.3317, 50.2247,
47.8030

■ 50.8356, 55.4063,
58.8375

■ 36.1247, 48.1608,
42.8658

■ 57.1920, 58.5544,
64.9515

■ 32.5710, 46.4261,
38.3036

■ 64.3217, 62.0929,
71.4740

■ 29.6349, 45.0023,
34.1071

■ 72.2502, 66.0349,
78.4129

■ 27.2766, 43.8692,
30.2668

■ 76.2516, 67.9437,
85.5532

■ 25.4519, 43.0040,
26.7723

■ 77.6588, 68.5066,
92.9635

■ 24.1095, 42.3804,
23.6130

■ 79.1422, 69.1000,
100.7749

■ 23.1863, 41.9663,
20.7770

■ 79.7144, 69.3289,
103.7881

■ 22.8577, 41.8222,
19.6215

Harmonies

Analogous

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



46.5588, 52.6324, 47.1501



45.2236, 52.6324, 53.1229



45.1451, 52.6324, 60.7677

Triad

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



45.2236, 52.6324, 53.1229



51.2195, 52.6324, 73.0159



53.9012, 52.6324, 47.7300

Complementary

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



45.2236, 52.6324, 53.1229



46.1050, 43.5676, 50.7815

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.



55.2456, 52.6324, 53.9817



45.2236, 52.6324, 53.1229



53.6602, 52.6324, 68.8285

Square

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



45.2236, 52.6324, 53.1229



48.5421, 52.6324, 72.7333



55.1559, 52.6324, 61.7068



51.5388, 52.6324, 44.2336

Rectangle

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



45.2236, 52.6324, 53.1229



45.8110, 52.6324, 65.8315



55.1559, 52.6324, 61.7068



54.4909, 52.6324, 49.5534

Sweetspot

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



45.2251, 52.6346, 53.1241



89.5362, 97.2705, 103.5396



47.1407, 53.8051, 44.9473



19.0044, 20.7407, 22.0036



0.0000, 0.0000, 0.0000



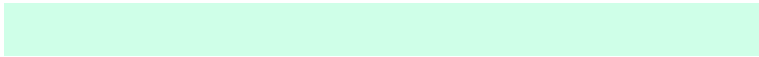
20.3446, 21.4041, 23.3091

Same Dimension

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



45.2251, 52.6346, 53.1241



75.8688, 90.5216, 89.4859



46.8825, 53.2976, 61.8520



10.7222, 11.9777, 12.4871



14.7418, 26.9091, 12.8506



0.7345, 1.2887, 0.8007

Inverse Universe

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



46.1050, 43.5676, 50.7815



77.7263, 71.3808, 84.5412



44.6253, 42.9757, 42.9896



10.8441, 10.7210, 12.1624



16.5556, 8.3718, 8.1359



0.8205, 0.4110, 0.5778

Previews

White Background



This preview shows how the XYZ color 45.2236, 52.6324, 53.1229 looks on a white background.

Color Contrast Check

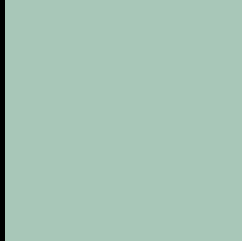
Large Text (above 18pt) WCAG AA × Fail

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 45.2236, 52.6324, 53.1229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

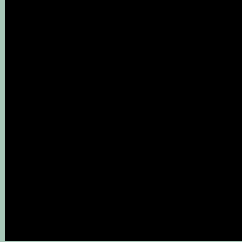
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

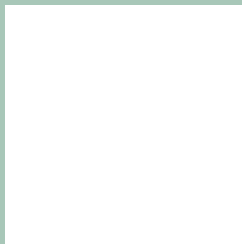
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.2236, 52.6324, 53.1229

Background



This preview shows how black text looks on a background with the XYZ color 45.2236, 52.6324, 53.1229.

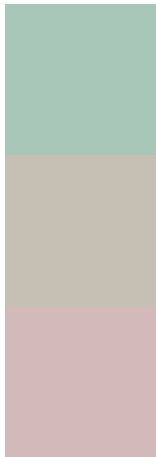


This preview shows how white text looks on a background with the XYZ color 45.2236, 52.6324,

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

45.2236, 52.6324, 53.1229

Protanopia

50.0562, 52.5220, 50.1473

Deuteranopia

53.4700, 52.2828, 54.2871



Tritanopia

48.5066, 52.6176, 69.2277

Trichromacy



Original Color

45.2236, 52.6324, 53.1229

Protanomaly

48.1258, 52.4846, 51.3101

Deuteranomaly

50.0413, 52.1078, 53.8747

Tritanomaly

47.0771, 52.3548, 62.8826

Monochromacy



Original Color

45.2236, 52.6324, 53.1229

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 45.2236, 52.6324, 53.1229 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(168, 199, 184)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 199, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 199, 184) }
```

Border

The CSS property to change the border of an element to XYZ 45.2236, 52.6324, 53.1229 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(168, 199, 184) }
```


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

```
.border{ border-color:rgb(168, 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(168, 199, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 199, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 199, 184);  
box-shadow:4px 4px 4px 4px rgb(168, 199,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2236, 52.6324, 53.1229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 199, 184) }
```

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

```
.background{ background-color: rgb(168,  
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](#).

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