

Converting Colors

XYZ(45.0695, 52.5327, 55.9515)

Have a look what the booklet for
XYZ(45.0695, 52.5327, 55.9515)
contains.

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Color

**XYZ(45.1258, 52.5203,
55.9032)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C7BD
RGB	165, 199, 189
RGB Percent	65%, 78%, 74%
CMY	0.3529, 0.2196, 0.2588
CMYK	0.17, 0.00, 0.05, 0.22
HSL	162°, 23%, 71%
HSV	162°, 17%, 78%
XYZ	45.1258, 52.5203, 55.9032
YIQ	187.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

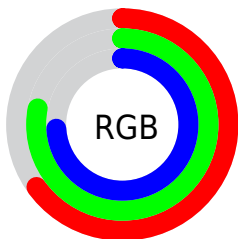
Format	Color
RYB	165, 185, 199
Decimal	10864573
CIELab	77.59, -13.35, 1.22
CIELCh	78, 13.404, 174.797
Yxy	52.5203, 0.2939, 0.3420
Android (android.graphics.Color)	4289054653 (0xFFA5C7BD)
YUV	187.6940, 0.6439, -19.9026
Hunter-Lab	72.4709, -15.6766, 4.9940

Details

The XYZ color **45.1258, 52.5203, 55.9032** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.7481, 42.1489, 46.3368**, and the grayscale version is **47.6310, 50.1115, 54.5714**.

A 20% lighter version of the original color is **81.7566, 93.3282, 100.0913**, and **21.3794, 25.5391, 27.0953** is the 20% darker color. If you saturate the color by 10%, you get **40.6819, 50.3028, 52.4454**, and if you desaturate by 10%, it is **50.2424, 55.0845, 59.5286**.

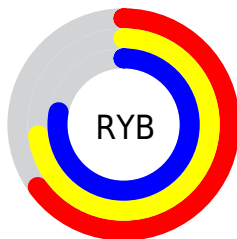
Distribution



Red (65%)

Green (78%)

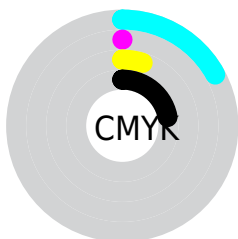
Blue (74%)



Red (65%)

Yellow (73%)

Blue (78%)

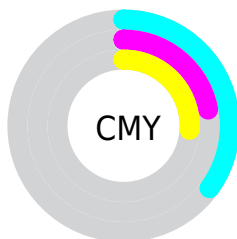


Cyan (17%)

Magenta (0%)

Yellow (5%)

Black (22%)



Cyan (35%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1258, 52.5203, 55.9032 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 45.1258, 52.5203, 55.9032 by changing the saturation by 10% instead.


 45.1258, 52.5203,
55.9032


 45.1258, 52.5203,
55.9032


358.0579,
396.4420, 426.7047

 31.7582, 37.4200,
39.7218


 82.1451, 93.8981,
100.3474

 21.3315, 25.5328,
27.0096


 106.5275,
120.9444, 129.4474

 13.4804, 16.4745,
17.3479


135.3122,
152.7414, 163.6906

 7.8395, 9.8605,
10.3183

168.8646,
189.6736, 203.4956

 4.0433, 5.3066,
5.5021

207.5500,
232.1254, 249.2810

 1.7267, 2.4282,
2.4810

251.7338,

 0.4729, 0.8404,

280.4811, 301.4652

0.8300

301.7813,
335.1252, 360.4670

■ 0.0000, 0.0000,
0.0000

■ 45.1258, 52.5203,
55.9032

■ 45.1258, 52.5203,
55.9032

■ 40.6819, 50.3028,
52.4454

■ 50.2424, 55.0845,
59.5286

■ 36.8763, 48.4099,
49.1488

■ 56.0553, 58.0033,
63.3209

■ 33.6781, 46.8273,
46.0113

■ 62.5925, 61.2923,
67.2841

■ 31.0520, 45.5368,
43.0298

■ 69.8789, 64.9646,
71.4208

■ 28.9592, 44.5184,
40.2008

■ 74.3550, 67.1850,
75.5659

■ 27.3556, 43.7493,
37.5205

■ 75.1361, 67.4975,
79.6794

■ 26.1898, 43.2033,
34.9848

■ 75.9446, 67.8209,
83.9370

■ 25.3921, 42.8442,
32.5888

■ 76.7808, 68.1553,
88.3399

■ 25.1922, 42.7559,
31.9149

■ 77.6448, 68.5009,
92.8897

Harmonies

Analogous

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



45.9625, 52.5203, 49.3579



45.1258, 52.5203, 55.9032



45.5368, 52.5203, 63.3731

Triad

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



45.1258, 52.5203, 55.9032



52.0351, 52.5203, 71.1221



52.8427, 52.5203, 46.3139

Complementary

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



45.1258, 52.5203, 55.9032



44.7481, 42.1489, 46.3368

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.



54.5736, 52.5203, 51.4147



45.1258, 52.5203, 55.9032



54.0962, 52.5203, 65.8002

Square

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



45.1258, 52.5203, 55.9032



49.4691, 52.5203, 72.5837



55.0401, 52.5203, 58.4876



50.3715, 52.5203, 44.1356

Rectangle

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



45.1258, 52.5203, 55.9032



46.4707, 52.5203, 67.8257



55.0401, 52.5203, 58.4876



53.5337, 52.5203, 47.7210

Sweetspot

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



45.1273, 52.5225, 55.9044



89.9157, 97.4223, 105.5383



44.9408, 52.7029, 43.4022



19.0967, 20.7776, 22.4897



0.0000, 0.0000, 0.0000



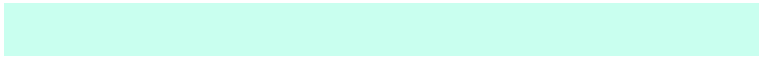
20.3446, 21.4041, 23.3091

Same Dimension

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



45.1273, 52.5225, 55.9044



75.5851, 90.2466, 95.2883



44.7211, 49.9120, 61.3123



10.8086, 12.0123, 12.9423



16.2382, 27.5077, 20.7309



0.7994, 1.3147, 1.1426

Inverse Universe

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



44.7481, 42.1489, 46.3368



74.7825, 68.2637, 75.0190



45.0609, 44.2892, 41.7719



10.7601, 10.6874, 11.7199



15.6789, 8.0211, 3.5192



0.7747, 0.3927, 0.3367

Previews

White Background



This preview shows how the XYZ color 45.1258, 52.5203, 55.9032 looks on a white background.

Color Contrast Check

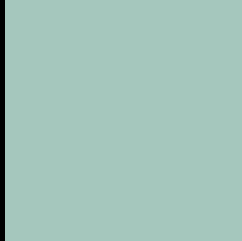
Large Text (above 18pt) WCAG AA × Fail

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 45.1258, 52.5203, 55.9032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

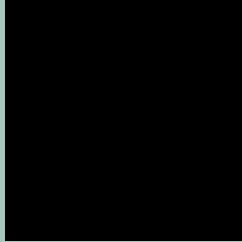
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

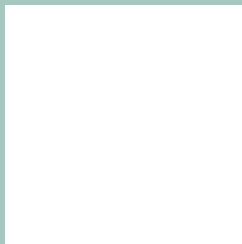
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1258, 52.5203, 55.9032

Background



This preview shows how black text looks on a background with the XYZ color 45.1258, 52.5203, 55.9032.

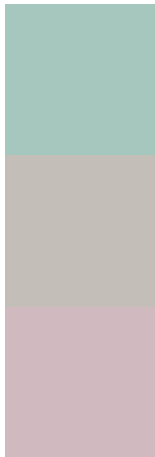


This preview shows how white text looks on a background with the XYZ color 45.1258, 52.5203,

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

45.1258, 52.5203, 55.9032

Protanopia

49.8301, 52.0234, 52.7626

Deuteranopia

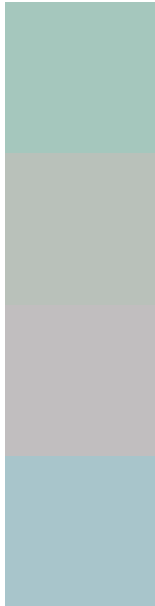
53.1579, 52.0590, 57.1158



Tritanopia

47.8600, 52.6180, 69.2618

Trichromacy



Original Color

45.1258, 52.5203, 55.9032

Protanomaly

47.9405, 51.9994, 53.9645

Deuteranomaly

49.8097, 51.9260, 56.6877

Tritanomaly

46.8942, 52.5691, 64.1752

Monochromacy



Original Color

45.1258, 52.5203, 55.9032

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.7491, 51.0334, 54.9634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1258, 52.5203, 55.9032 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(165, 199, 189)` looks like.

```
.text, #text, p{  
    color:rgb(165, 199, 189)  
}
```

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(165, 199, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 199, 189) }
```

Border

The CSS property to change the border of an element to XYZ 45.1258, 52.5203, 55.9032 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(165, 199, 189) }
```


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

```
.border{ border-color:rgb(165, 199, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 199, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 199, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 199, 189);  
box-shadow:4px 4px 4px 4px rgb(165, 199,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1258, 52.5203, 55.9032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 199, 189) }
```

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

```
.background{ background-color: rgb(165,  
199, 189) }
```

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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