

Converting Colors

XYZ(44.6230, 50.5850, 55.5487)

Have a look what the booklet for
XYZ(44.6230, 50.5850, 55.5487)
contains.

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Color

**XYZ(44.6255, 50.5825,
55.5555)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C2BD
RGB	168, 194, 189
RGB Percent	66%, 76%, 74%
CMY	0.3412, 0.2392, 0.2588
CMYK	0.13, 0.00, 0.03, 0.24
HSL	168°, 18%, 71%
HSV	168°, 13%, 76%
XYZ	44.6255, 50.5825, 55.5555
YIQ	185.6560, -13.8910, -7.0670

Conversions

Conversions Part 2

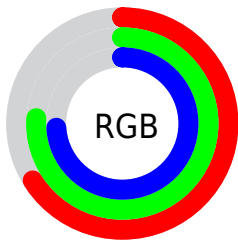
Format	Color
R _{YB}	168, 182, 194
Decimal	11059901
CIE Lab	76.43, -9.77, -0.46
CIE LCh	76, 9.782, 182.703
Yxy	50.5825, 0.2960, 0.3355
Android (android.graphics.Color)	4289249981 (0xFFA8C2BD)
YUV	185.6560, 1.6486, -15.4843
Hunter-Lab	71.1214, -12.4616, 3.4714

Details

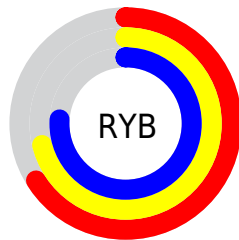
The XYZ color **44.6255, 50.5825, 55.5555** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7954, 42.4930, 45.4310**, and the grayscale version is **46.4775, 48.8979, 53.2499**.

A 20% lighter version of the original color is **81.4100, 91.2749, 99.7133**, and **21.0245, 24.2467, 26.8645** is the 20% darker color. If you saturate the color by 10%, you get **40.3998, 48.4517, 53.2707**, and if you desaturate by 10%, it is **49.4807, 53.0394, 57.9263**.

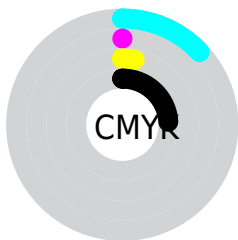
Distribution



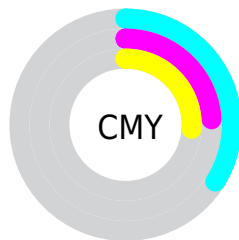
- Red (66%)
- Green (76%)
- Blue (74%)



- Red (66%)
- Yellow (71%)
- Blue (76%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)





- Cyan (34%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6255, 50.5825, 55.5555 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 44.6255, 50.5825, 55.5555 by changing the saturation by 10% instead.


 44.6255, 50.5825,
55.5555


 44.6255, 50.5825,
55.5555


356.0640,
388.9395, 425.3554

 31.3626, 35.8765,
39.4450

 81.3987, 91.0373,
99.8337

 21.0283, 24.3388,
26.7956


 105.6396,
117.5549, 128.8385

 13.2572, 15.5851,
17.1887

134.2707,
148.7785, 162.9785

 7.6841, 9.2311,
10.2058

167.6571,
185.0924, 202.6722

 3.9436, 4.8922,
5.4282

206.1643,
226.8810, 248.3382

 1.6703, 2.1842,
2.4375

250.1576,

 0.4376, 0.7113,

274.5289, 300.3951

0.8068

300.0024,
328.4202, 359.2613

■ 0.0000, 0.0000,
0.0000

■ 44.6255, 50.5825,
55.5555

■ 44.6255, 50.5825,
55.5555

■ 40.3998, 48.4517,
53.2707

■ 49.4807, 53.0394,
57.9263

■ 36.7721, 46.6266,
51.0669

■ 54.9866, 55.8292,
60.3814

■ 33.7145, 45.0941,
48.9433

■ 61.1690, 58.9664,
62.9233

■ 31.1951, 43.8380,
46.8982

■ 68.0506, 62.4629,
65.5536

■ 29.1790, 42.8401,
44.9295

■ 71.8766, 64.3830,
68.0969

■ 27.6270, 42.0804,
43.0348

■ 72.3404, 64.5685,
70.5393

■ 26.4941, 41.5355,
41.2118

■ 72.8151, 64.7584,
73.0389

■ 25.7260, 41.1776,
39.4573

■ 73.3007, 64.9526,
75.5962

■ 25.3511, 41.0088,
38.3340

■ 73.7974, 65.1513,
78.2115

Harmonies

Analogous

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



44.9981, 50.5825, 50.5539



44.6255, 50.5825, 55.5555



45.1581, 50.5825, 60.7397

Triad

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



44.6255, 50.5825, 55.5555



50.0162, 50.5825, 64.0594



49.7197, 50.5825, 46.5450

Complementary

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



44.6255, 50.5825, 55.5555



43.7954, 42.4930, 45.4310

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.



51.1194, 50.5825, 49.7753



44.6255, 50.5825, 55.5555



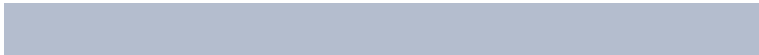
51.2936, 50.5825, 59.8595

Square

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



44.6255, 50.5825, 55.5555



48.2444, 50.5825, 65.8415



51.7023, 50.5825, 54.5988



47.9103, 50.5825, 45.5526

Rectangle

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



44.6255, 50.5825, 55.5555



45.9629, 50.5825, 63.5451



51.7023, 50.5825, 54.5988



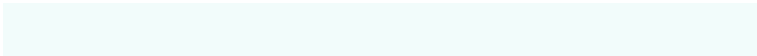
50.2553, 50.5825, 47.3945

Sweetspot

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



44.6269, 50.5846, 55.5566



89.0258, 95.7774, 104.6547



43.6390, 50.3199, 44.4592



19.3404, 20.8956, 22.8452



0.0000, 0.0000, 0.0000



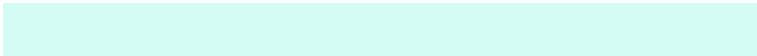
20.3446, 21.4041, 23.3091

Same Dimension

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



44.6269, 50.5846, 55.5566



78.5524, 90.4824, 99.4540



43.4886, 47.4238, 57.9030



10.2828, 11.3942, 12.4923



16.6957, 26.9724, 25.3545



0.7432, 1.1741, 1.2106

Inverse Universe

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



43.7954, 42.4930, 45.4310



76.7617, 73.0538, 77.6466



44.8038, 45.2703, 43.4231



10.1506, 10.1089, 10.8838



14.8736, 7.6392, 1.9806



0.6670, 0.3398, 0.2136

Previews

White Background



This preview shows how the XYZ color 44.6255, 50.5825, 55.5555 looks on a white background.

Color Contrast Check

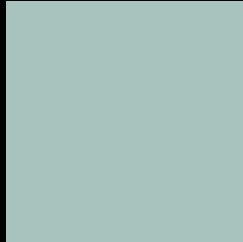
Large Text (above 18pt) WCAG AA × Fail

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 44.6255, 50.5825, 55.5555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

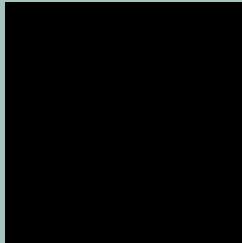
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

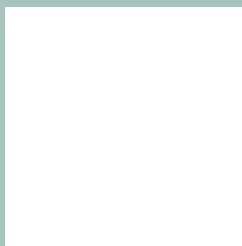
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6255, 50.5825, 55.5555

Background



This preview shows how black text looks on a background with the XYZ color 44.6255, 50.5825, 55.5555.



This preview shows how white text looks on a background with the XYZ color 44.6255, 50.5825,

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

44.6255, 50.5825, 55.5555

Protanopia

48.2655, 50.2499, 53.0543

Deuteranopia

51.3088, 50.1966, 56.2749



Tritanopia

46.6879, 50.4245, 66.3037

Trichromacy



Original Color

44.6255, 50.5825, 55.5555

Protanomaly

46.8048, 50.4394, 53.7233

Deuteranomaly

48.5914, 50.0420, 55.8132

Tritanomaly

45.8525, 50.4155, 61.9581

Monochromacy



Original Color

44.6255, 50.5825, 55.5555

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.7576, 49.5668, 54.1694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6255, 50.5825, 55.5555 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, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(168, 194, 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(168, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 194, 189) }
```

Border

The CSS property to change the border of an element to XYZ 44.6255, 50.5825, 55.5555 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, 194, 189) }
```


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

```
.border{ border-color:rgb(168, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(168, 194,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6255, 50.5825, 55.5555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 194, 189) }
```

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

```
.background{ background-color: rgb(168,  
194, 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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