

Converting Colors

XYZ(48.3744, 55.8141, 63.1179)

Have a look what the booklet for
XYZ(48.3744, 55.8141, 63.1179)
contains.

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Color

**XYZ(48.3804, 55.7909,
62.8624)**

Conversions

Conversions Part 1

Format	Color
Hex	A9CCC8
RGB	169, 204, 200
RGB Percent	66%, 80%, 78%
CMY	0.3372, 0.2000, 0.2157
CMYK	0.17, 0.00, 0.02, 0.20
HSL	173°, 26%, 73%
HSV	173°, 17%, 80%
XYZ	48.3804, 55.7909, 62.8624
YIQ	193.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

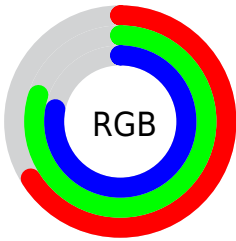
Format	Color
R _{YB}	169, 188, 204
Decimal	11128008
CIE Lab	79.49, -12.39, -1.89
CIE LCh	79, 12.537, 188.669
Yxy	55.7909, 0.2896, 0.3340
Android (android.graphics.Color)	4289318088 (0xFFA9CCC8)
YUV	193.0790, 3.4121, -21.1173
Hunter-Lab	74.6933, -15.0951, 2.3864

Details

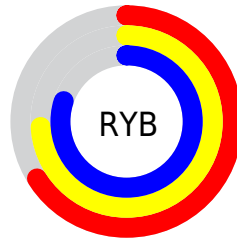
The XYZ color **48.3804, 55.7909, 62.8624** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.6346, 44.2320, 45.6173**, and the grayscale version is **50.7251, 53.3668, 58.1164**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **23.2971, 27.6010, 31.2938** is the 20% darker color. If you saturate the color by 10%, you get **44.0706, 53.6019, 61.2493**, and if you desaturate by 10%, it is **53.3804, 58.3383, 64.5319**.

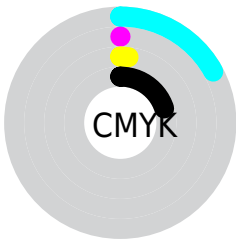
Distribution



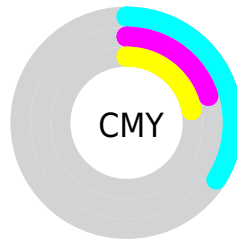
- Red (66%)
- Green (80%)
- Blue (78%)



- Red (66%)
- Yellow (74%)
- Blue (80%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)





- Cyan (34%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3804, 55.7909, 62.8624 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 48.3804, 55.7909, 62.8624 by changing the saturation by 10% instead.


 48.3804, 55.7909,
62.8624


 48.3804, 55.7909,
62.8624


370.8555,
408.9030, 453.1641

 34.3407, 40.0353,
45.2896


 86.9768, 98.6988,
110.5546

 23.3196, 27.5661,
31.3410


 112.2642,
126.6199, 141.5112

 14.9517, 17.9988,
20.5980


142.0316,
159.3649, 177.7660

 8.8716, 10.9491,
12.6421

176.6443,
197.3182, 219.7377

 4.7139, 6.0326,
7.0547

216.4677,
240.8643, 267.8449

 2.1134, 2.8649,
3.4174

261.8671,

 0.6965, 1.0616,

290.3876, 322.5060

1.3115

313.2080,
346.2723, 384.1395

■ 0.0000, 0.0000,
0.0712

■ 0.0000, 0.0000,
0.0000

■ 48.3804, 55.7909,
62.8624

■ 48.3804, 55.7909,
62.8624

■ 44.0706, 53.6019,
61.2493

■ 53.3804, 58.3383,
64.5319

■ 40.4146, 51.7479,
59.6872

■ 59.0955, 61.2522,
66.2555

■ 37.3799, 50.2138,
58.1757

■ 65.5548, 64.5494,
68.0359

■ 34.9295, 48.9804,
56.7130

■ 72.7849, 68.2435,
69.8743

■ 33.0221, 48.0264,
55.2970

■ 74.6755, 69.1844,
71.4850

■ 31.6111, 47.3280,
53.9256

■ 74.9714, 69.3028,
73.0432

■ 30.6422, 46.8569,
52.5959

■ 75.2716, 69.4228,
74.6239

■ 30.0417, 46.5753,
51.3045

■ 75.5760, 69.5446,
76.2272

■ 29.9010, 46.5106,
50.9427

■ 75.8848, 69.6681,
77.8531

Harmonies

Analogous

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



48.6410, 55.7909, 55.8376



48.3804, 55.7909, 62.8624



49.3338, 55.7909, 69.8362

Triad

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



48.3804, 55.7909, 62.8624



56.1130, 55.7909, 72.2381



54.8097, 55.7909, 48.7160

Complementary

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



48.3804, 55.7909, 62.8624



46.6346, 44.2320, 45.6173

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.



56.9013, 55.7909, 52.4824



48.3804, 55.7909, 62.8624



57.6702, 55.7909, 65.9357

Square

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



48.3804, 55.7909, 62.8624



53.7612, 55.7909, 75.5234



57.9632, 55.7909, 58.6792



52.3006, 55.7909, 48.0354

Rectangle

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



48.3804, 55.7909, 62.8624



50.5478, 55.7909, 73.3875



57.9632, 55.7909, 58.6792



55.5872, 55.7909, 49.6480

Sweetspot

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



48.3820, 55.7932, 62.8637



90.2799, 97.5680, 107.4560



46.0080, 54.9464, 45.7179



19.1854, 20.8131, 22.9570



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.



48.3820, 55.7932, 62.8637



77.0481, 90.8318, 102.9927



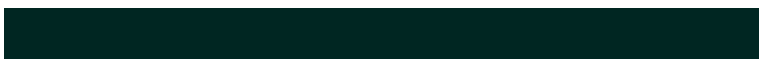
45.8030, 49.8767, 64.3425



11.4859, 12.7041, 14.1160



18.8412, 29.2818, 32.1784



0.9881, 1.5170, 1.7447

Inverse Universe

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



46.6346, 44.2320, 45.6173



73.5645, 67.7765, 68.6049



48.8786, 49.3306, 44.4827



11.2636, 11.2342, 11.9229



15.7907, 8.1269, 1.3505



0.8325, 0.4264, 0.1640

Previews

White Background



This preview shows how the XYZ color 48.3804, 55.7909, 62.8624 looks on a white background.

Color Contrast Check

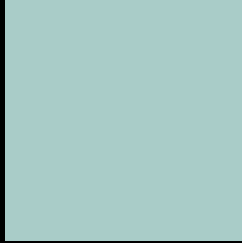
Large Text (above 18pt) WCAG AA × Fail

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 48.3804, 55.7909, 62.8624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

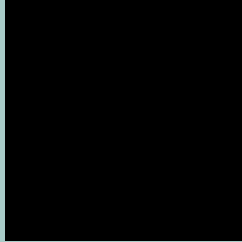
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3804, 55.7909, 62.8624

Background



This preview shows how black text looks on a background with the XYZ color 48.3804, 55.7909, 62.8624.



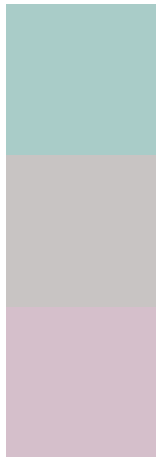
This preview shows how white text looks on a background with the XYZ color 48.3804, 55.7909,

62.8624.

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

48.3804, 55.7909, 62.8624

Protanopia

53.4097, 55.6993, 59.5658

Deuteranopia

56.8509, 55.7195, 64.2585



Tritanopia

50.4243, 55.5537, 73.7109

Trichromacy



Original Color

48.3804, 55.7909, 62.8624

Protanomaly

51.4877, 55.6969, 60.8602

Deuteranomaly

53.4266, 55.6144, 63.7959

Tritanomaly

49.6730, 55.6021, 69.7423

Monochromacy



Original Color

48.3804, 55.7909, 62.8624

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.6972, 54.1084, 60.0492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3804, 55.7909, 62.8624 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, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(169, 204, 200)  
}
```

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, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 204, 200) }
```

Border

The CSS property to change the border of an element to XYZ 48.3804, 55.7909, 62.8624 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, 204, 200) }
```


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

```
.border{ border-color:rgb(169, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(169, 204,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3804, 55.7909, 62.8624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 204, 200) }
```

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

```
.background{ background-color: rgb(169,  
204, 200) }
```

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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