

Converting Colors

XYZ(53.9680, 62.4692, 62.2752)

Have a look what the booklet for
XYZ(53.9680, 62.4692, 62.2752)
contains.

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Color

**XYZ(53.8918, 62.3147,
62.0109)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D6C5
RGB	184, 214, 197
RGB Percent	72%, 84%, 77%
CMY	0.2784, 0.1608, 0.2274
CMYK	0.14, 0.00, 0.08, 0.16
HSL	146°, 27%, 78%
HSV	146°, 14%, 84%
XYZ	53.8918, 62.3147, 62.0109
YIQ	203.0920, -12.4230, -11.6470

Conversions

Conversions Part 2

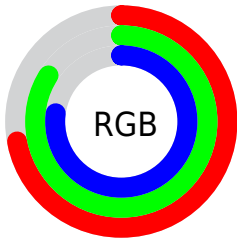
Format	Color
RYB	184, 205, 214
Decimal	12113605
CIELab	83.08, -13.23, 5.05
CIELCh	83, 14.162, 159.117
Yxy	62.3147, 0.3024, 0.3497
Android (android.graphics.Color)	4290303685 (0xFFB8D6C5)
YUV	203.0920, -3.0034, -16.7437
Hunter-Lab	78.9397, -16.2831, 8.6826

Details

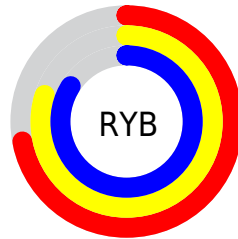
The XYZ color **53.8918, 62.3147, 62.0109** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.4169, 52.7958, 62.5310**, and the grayscale version is **56.8478, 59.8083, 65.1313**.

A 20% lighter version of the original color is **89.5846, 97.2010, 107.8060**, and **26.7161, 31.6047, 30.6788** is the 20% darker color. If you saturate the color by 10%, you get **47.8141, 59.3374, 54.7623**, and if you desaturate by 10%, it is **60.8603, 65.7418, 69.8874**.

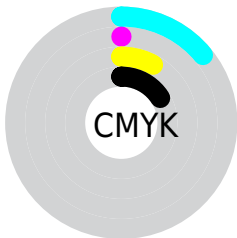
Distribution



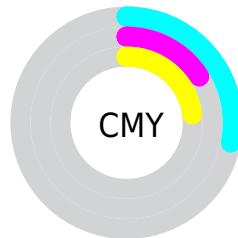
- Red (72%)
- Green (84%)
- Blue (77%)



- Red (72%)
- Yellow (80%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)





- Cyan (28%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8918, 62.3147, 62.0109 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 53.8918, 62.3147, 62.0109 by changing the saturation by 10% instead.


 53.8918, 62.3147,
62.0109

 53.8918, 62.3147,
62.0109


391.9024,
433.0781, 449.9796

 38.7455, 45.2870,
44.6057


 95.0732, 108.1802,
109.3130

 26.7416, 31.6836,
30.8063


121.8390,
137.7869, 140.0470

 17.5149, 21.1199,
20.1941


153.2086,
172.3553, 176.0610

 10.6998, 13.2117,
12.3508

189.5475,
212.2699, 217.7735

 5.9312, 7.5745,
6.8576

231.2210,
257.9151, 265.6030

 2.8435, 3.8239,
3.2961

278.5943,

 1.0716, 1.5755,

309.6753, 319.9682

1.2477

332.0330,
367.9348, 381.2876

■ 0.0011, 0.3410,
0.0184

■ 0.0000, 0.0000,
0.0000

■ 53.8918, 62.3147,
62.0109

■ 53.8918, 62.3147,
62.0109

■ 47.8141, 59.3374,
54.7623

■ 60.8603, 65.7418,
69.8874

■ 42.5847, 56.7831,
48.1222

■ 68.7495, 69.6285,
78.4027

■ 38.1652, 54.6340,
42.0758

■ 77.5943, 73.9943,
87.5723

■ 34.5122, 52.8681,
36.6065

■ 81.8476, 75.9794,
97.1491

■ 31.5780, 51.4611,
31.6965

■ 83.3377, 76.5755,
104.9959

■ 29.3092, 50.3859,
27.3274

■ 27.6446, 49.6112,
23.4793

■ 26.5100, 49.0992,
20.1311

■ 26.0114, 48.8810,
18.3565

Harmonies

Analogous

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



55.5880, 62.3147, 55.5815



53.8918, 62.3147, 62.0109



53.5988, 62.3147, 70.5594

Triad

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



53.8918, 62.3147, 62.0109



60.1668, 62.3147, 85.9132



63.9185, 62.3147, 57.7506

Complementary

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



53.8918, 62.3147, 62.0109



55.4169, 52.7958, 62.5310

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.



65.2387, 62.3147, 65.2111



53.8918, 62.3147, 62.0109



63.0241, 62.3147, 81.8030

Square

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



53.8918, 62.3147, 62.0109



57.1526, 62.3147, 84.8696



64.9058, 62.3147, 74.0448



61.3535, 62.3147, 53.2732

Rectangle

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



53.8918, 62.3147, 62.0109



54.2283, 62.3147, 76.3973



64.9058, 62.3147, 74.0448



64.5265, 62.3147, 59.9655

Sweetspot

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



53.8935, 62.3173, 62.0123



90.4796, 97.7498, 103.9010



56.9226, 64.0436, 54.7098



19.1878, 20.8346, 22.0416



0.0000, 0.0000, 0.0000



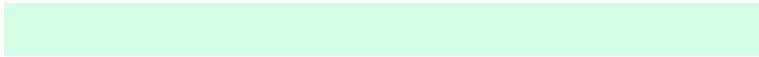
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8935, 62.3173, 62.0123



77.1544, 91.2026, 88.7196



55.6365, 63.0145, 71.1907



12.4836, 13.9844, 14.3611



15.7716, 29.5640, 11.3586



0.9924, 1.7996, 0.9015

Inverse Universe

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



55.4169, 52.7958, 62.5310



79.8679, 74.2409, 89.6426



53.7901, 52.1451, 53.9646



12.7151, 12.5375, 14.4400



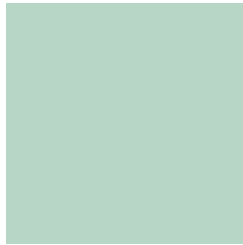
18.9113, 9.5008, 12.1030



1.1818, 0.5895, 0.9469

Previews

White Background



This preview shows how the XYZ color 53.8918, 62.3147, 62.0109 looks on a white background.

Color Contrast Check

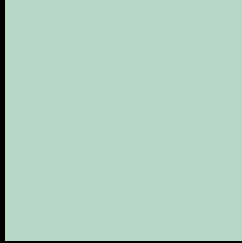
Large Text (above 18pt) WCAG AA × Fail

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 53.8918, 62.3147, 62.0109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

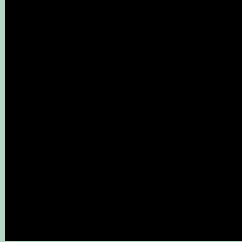
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

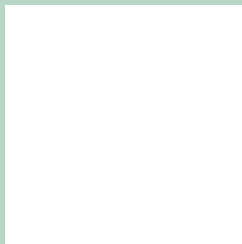
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8918, 62.3147, 62.0109

Background



This preview shows how black text looks on a background with the XYZ color 53.8918, 62.3147, 62.0109.



This preview shows how white text looks on a background with the XYZ color 53.8918, 62.3147,

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

53.8918, 62.3147, 62.0109

Protanopia

59.1375, 62.1390, 59.3292

Deuteranopia

63.3927, 62.1367, 63.2960



Tritanopia

57.7603, 62.4030, 80.9522

Trichromacy



Original Color

53.8918, 62.3147, 62.0109

Protanomaly

56.8952, 62.0525, 60.0176

Deuteranomaly

59.5807, 61.9323, 62.8467

Tritanomaly

56.0535, 62.0596, 73.3143

Monochromacy



Original Color

53.8918, 62.3147, 62.0109

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6204, 60.5785, 64.0196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8918, 62.3147, 62.0109 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(184, 214, 197)` looks like.

```
.text, #text, p{  
    color:rgb(184, 214, 197)  
}
```

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(184, 214, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 214, 197) }
```

Border

The CSS property to change the border of an element to XYZ 53.8918, 62.3147, 62.0109 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(184, 214, 197) }
```


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

```
.border{ border-color:rgb(184, 214, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 214, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 214, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 214, 197);  
box-shadow:4px 4px 4px 4px rgb(184, 214,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8918, 62.3147, 62.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 214, 197) }
```

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

```
.background{ background-color: rgb(184,  
214, 197) }
```

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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