

Converting Colors

XYZ(51.7474, 62.3304, 52.0862)

Have a look what the booklet for
XYZ(51.7474, 62.3304, 52.0862)
contains.

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Color

**XYZ(51.5149, 62.0697,
51.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D8B3
RGB	180, 216, 179
RGB Percent	71%, 85%, 70%
CMY	0.2941, 0.1529, 0.2980
CMYK	0.17, 0.00, 0.17, 0.15
HSL	118°, 32%, 77%
HSV	118°, 17%, 85%
XYZ	51.5149, 62.0697, 51.9134
YIQ	201.0180, -9.5790, -19.1390

Conversions

Conversions Part 2

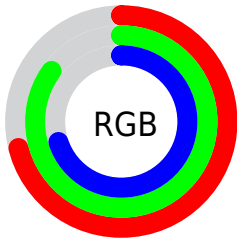
Format	Color
R _{YB}	179, 216, 215
Decimal	11851955
CIE _{Lab}	82.95, -18.85, 14.36
CIE _{LCh}	83, 23.695, 142.695
Yxy	62.0697, 0.3113, 0.3750
Android (android.graphics.Color)	4290042035 (0xFFB4D8B3)
YUV	201.0180, -10.8549, -18.4328
Hunter-Lab	78.7843, -21.1563, 16.0810

Details

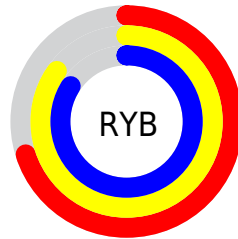
The XYZ color **51.5149, 62.0697, 51.9134** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.5418, 51.6470, 71.9578**, and the grayscale version is **55.5993, 58.4948, 63.7008**.

A 20% lighter version of the original color is **85.3475, 95.3510, 92.5036**, and **25.2632, 31.5081, 24.4888** is the 20% darker color. If you saturate the color by 10%, you get **44.9721, 58.9315, 41.0829**, and if you desaturate by 10%, it is **59.1453, 65.7326, 64.5838**.

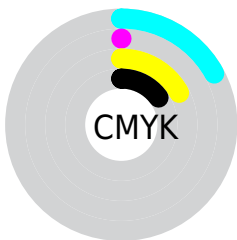
Distribution



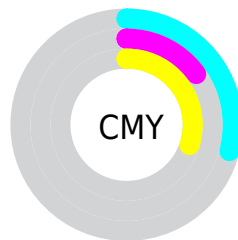
- Red (71%)
- Green (85%)
- Blue (70%)



- Red (70%)
- Yellow (85%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5149, 62.0697, 51.9134 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 51.5149, 62.0697, 51.9134 by changing the saturation by 10% instead.

■ 51.5149, 62.0697,
51.9134

■ 51.5149, 62.0697,
51.9134

382.9158,
432.1853, 411.0496

■ 36.8413, 45.0890,
36.5543

■ 91.5939, 107.8263,
94.4288

■ 25.2577, 31.5276,
24.5695

117.7300,
137.3709, 122.4221

■ 16.3989, 21.0009,
15.5405

148.4176,
171.8724, 155.4640

■ 9.8995, 13.1247,
9.0488

184.0220,
211.7150, 193.9729

■ 5.3941, 7.5144,
4.6758

224.9087,
257.2832, 238.3674

■ 2.5174, 3.7859,
2.0029

271.4430,

■ 0.9041, 1.5545,

308.9614, 289.0659

0.5571

323.9902,
367.1340, 346.4872

■ 0.0000, 0.3266,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.5149, 62.0697,
51.9134

■ 51.5149, 62.0697,
51.9134

■ 44.9721, 58.9315,
41.0829

■ 59.1453, 65.7326,
64.5838

■ 39.4626, 56.2865,
32.0029

■ 67.9042, 69.9342,
79.1696

■ 34.9351, 54.1120,
24.5829

■ 77.8367, 74.6980,
95.7472

■ 31.3319, 52.3805,
18.7224

■ 83.8471, 77.5942,
105.1657

■ 28.5894, 51.0615,
14.3102

■ 26.6357, 50.1208,
11.2205

■ 25.3877, 49.5184,
9.3060

■ 24.7408, 49.2049,
8.3715

■ 24.6301, 49.1518,
8.1891

Harmonies

Analogous

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



55.2824, 62.0697, 44.7909



51.5149, 62.0697, 51.9134



49.7702, 62.0697, 64.0659

Triad

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



51.5149, 62.0697, 51.9134



57.7540, 62.0697, 99.5388



68.5394, 62.0697, 57.2903

Complementary

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



51.5149, 62.0697, 51.9134



56.5418, 51.6470, 71.9578

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.



69.2954, 62.0697, 71.2273



51.5149, 62.0697, 51.9134



62.8710, 62.0697, 97.0335

Square

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



51.5149, 62.0697, 51.9134



53.2348, 62.0697, 92.5478



67.1671, 62.0697, 86.1263



65.1573, 62.0697, 47.5680

Rectangle

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



51.5149, 62.0697, 51.9134



49.9137, 62.0697, 73.9627



67.1671, 62.0697, 86.1263



69.1168, 62.0697, 61.5818

Sweetspot

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



51.5166, 62.0723, 51.9148



88.6469, 96.9284, 98.2383



60.6994, 66.3389, 52.2543



18.7888, 20.6578, 20.7187



0.0000, 0.0000, 0.0000



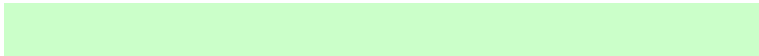
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5166, 62.0723, 51.9148



70.9559, 88.4401, 68.8672



53.1425, 62.6959, 61.6864



12.2931, 13.9118, 13.1980



14.5923, 29.0989, 4.8476



0.8913, 1.7609, 0.2929

Inverse Universe

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



56.5418, 51.6470, 71.9578



79.7518, 70.1902, 103.9524



54.7190, 50.9519, 60.8234



12.9183, 12.6148, 15.6916



23.1120, 11.0672, 39.3712



1.4047, 0.6730, 2.3752

Previews

White Background



This preview shows how the XYZ color 51.5149, 62.0697, 51.9134 looks on a white background.

Color Contrast Check

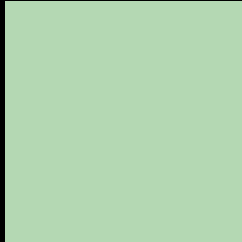
Large Text (above 18pt) WCAG AA × Fail

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 51.5149, 62.0697, 51.9134 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

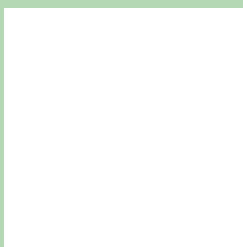
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5149, 62.0697, 51.9134

Background



This preview shows how black text looks on a background with the XYZ color 51.5149, 62.0697, 51.9134.



This preview shows how white text looks on a background with the XYZ color 51.5149, 62.0697,

51.9134.

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

51.5149, 62.0697, 51.9134

Protanopia

58.3266, 61.9503, 48.9279

Deuteranopia

63.2316, 61.9279, 53.4204



Tritanopia

57.2670, 61.7833, 80.8586

Trichromacy



Original Color

51.5149, 62.0697, 51.9134

Protanomaly

55.7849, 62.0651, 50.1139

Deuteranomaly

58.2992, 61.4871, 53.0515

Tritanomaly

55.0597, 62.0047, 69.3878

Monochromacy



Original Color

51.5149, 62.0697, 51.9134

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.6893, 59.3303, 59.0742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5149, 62.0697, 51.9134 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(180, 216, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 216, 179)  
}
```

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(180, 216, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 216, 179) }
```

Border

The CSS property to change the border of an element to XYZ 51.5149, 62.0697, 51.9134 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(180, 216, 179) }
```


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

```
.border{ border-color:rgb(180, 216, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 216, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 216, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 216, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 216,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5149, 62.0697, 51.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 216, 179) }
```

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

```
.background{ background-color: rgb(180,  
216, 179) }
```

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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