

Converting Colors

XYZ(51.4411, 62.7852, 52.5875)

Have a look what the booklet for
XYZ(51.4411, 62.7852, 52.5875)
contains.

XYZ(51.4411, 62.7852, 52.5875)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.4411, 62.7852,
52.5875)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DAB4
RGB	177, 218, 180
RGB Percent	69%, 85%, 71%
CMY	0.3059, 0.1451, 0.2941
CMYK	0.19, 0.00, 0.17, 0.15
HSL	124°, 36%, 77%
HSV	124°, 19%, 85%
XYZ	51.4411, 62.7852, 52.5875
YIQ	201.4090, -12.2380, -20.5100

Conversions

Conversions Part 2

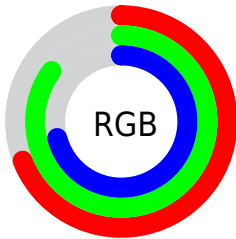
Format	Color
RYB	177, 215, 218
Decimal	11655860
CIELab	83.33, -20.67, 14.34
CIElCh	83, 25.161, 145.255
Yxy	62.7852, 0.3084, 0.3764
Android (android.graphics.Color)	4289845940 (0xFFB1DAB4)
YUV	201.4090, -10.5546, -21.4067
Hunter-Lab	79.2371, -22.7819, 16.1168

Details

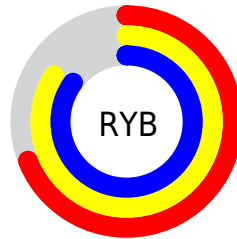
The XYZ color **51.4411, 62.7852, 52.5875** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.9036, 51.2575, 71.1875**, and the grayscale version is **55.8415, 58.7496, 63.9783**.

A 20% lighter version of the original color is **84.5046, 94.8998, 93.2205**, and **25.2401, 32.0118, 24.9273** is the 20% darker color. If you saturate the color by 10%, you get **44.9561, 59.6646, 42.3114**, and if you desaturate by 10%, it is **59.0228, 66.4401, 64.4839**.

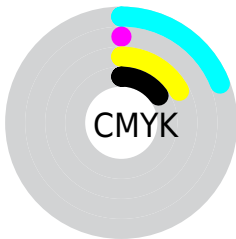
Distribution



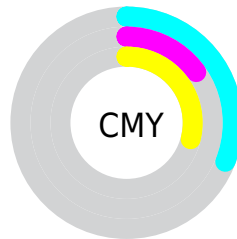
- Red (69%)
- Green (85%)
- Blue (71%)



- Red (69%)
- Yellow (84%)
- Blue (85%)



- Cyan (19%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (31%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4411, 62.7852, 52.5875 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 51.4411, 62.7852, 52.5875 by changing the saturation by 10% instead.

■ 51.4411, 62.7852,
52.5875

■ 51.4411, 62.7852,
52.5875

382.6346,
434.7895, 413.7218

■ 36.7822, 45.6675,
37.0881

■ 91.4856, 108.8596,
95.4325

■ 25.2118, 31.9835,
24.9794

117.6019,
138.5850, 123.6152

■ 16.3645, 21.3489,
15.8428

148.2681,
173.2817, 156.8627

■ 9.8749, 13.3793,
9.2598

183.8495,
213.3342, 195.5936

■ 5.3778, 7.6902,
4.8119

224.7115,
259.1269, 240.2264

■ 2.5076, 3.8974,
2.0805

271.2195,

■ 0.8991, 1.6163,

311.0440, 291.1797

0.6042

323.7387,
369.4701, 348.8720

■ 0.0000, 0.3686,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.4411, 62.7852,
52.5875

■ 51.4411, 62.7852,
52.5875

■ 44.9561, 59.6646,
42.3114

■ 59.0228, 66.4401,
64.4839

■ 39.5124, 57.0458,
33.5816

■ 67.7434, 70.6442,
78.0620

■ 35.0569, 54.9050,
26.3246

■ 77.6491, 75.4219,
93.3852

■ 31.5304, 53.2132,
20.4591

■ 84.3626, 78.6252,
105.3375

■ 28.8668, 51.9383,
15.8961

■ 26.9918, 51.0441,
12.5364

■ 25.8179, 50.4880,
10.2663

■ 25.2173, 50.2069,
8.9496

■ 25.1658, 50.1825,
8.8482

Harmonies

Analogous

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



55.2983, 62.7852, 44.5717



51.4411, 62.7852, 52.5875



49.7926, 62.7852, 65.9000

Triad

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



51.4411, 62.7852, 52.5875



58.8093, 62.7852, 103.0018



69.7056, 62.7852, 56.2959

Complementary

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



51.4411, 62.7852, 52.5875



56.9036, 51.2575, 71.1875

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.



70.7865, 62.7852, 70.8854



51.4411, 62.7852, 52.5875



64.2777, 62.7852, 99.3954

Square

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



51.4411, 62.7852, 52.5875



53.8778, 62.7852, 96.2306



68.7447, 62.7852, 87.0132



65.8747, 62.7852, 46.4722

Rectangle

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



51.4411, 62.7852, 52.5875



50.0897, 62.7852, 76.6009



68.7447, 62.7852, 87.0132



70.4122, 62.7852, 60.7369

Sweetspot

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



51.4428, 62.7879, 52.5889



87.4436, 96.3329, 97.0632



61.1126, 67.8078, 51.4629



18.5471, 20.5376, 20.5113



0.0000, 0.0000, 0.0000



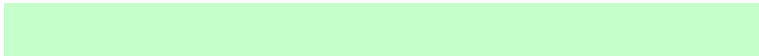
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4428, 62.7879, 52.5889



69.1166, 87.5030, 68.2845



53.6574, 63.6737, 64.2509



12.9250, 14.6216, 14.0679



15.0910, 30.0690, 5.3788



0.9915, 1.9535, 0.4213

Inverse Universe

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



56.9036, 51.2575, 71.1875



78.4256, 67.8446, 99.9878



54.4615, 50.2807, 58.3279



13.5711, 13.2575, 16.2687



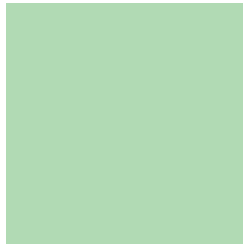
23.7298, 11.4930, 34.5528



1.5499, 0.7496, 2.3046

Previews

White Background



This preview shows how the XYZ color 51.4411, 62.7852, 52.5875 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 51.4411, 62.7852, 52.5875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

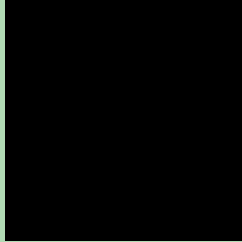
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4411, 62.7852, 52.5875

Background



This preview shows how black text looks on a background with the XYZ color 51.4411, 62.7852, 52.5875.



This preview shows how white text looks on a background with the XYZ color 51.4411, 62.7852, 52.5875.

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

51.4411, 62.7852, 52.5875

Protanopia

58.8662, 62.5871, 49.0223

Deuteranopia

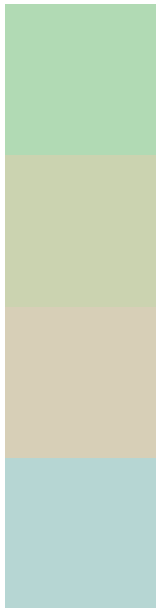
63.8981, 62.6021, 54.0630



Tritanopia

57.3054, 62.5043, 82.4430

Trichromacy



Original Color

51.4411, 62.7852, 52.5875

Protanomaly

55.7593, 62.4196, 50.1837

Deuteranomaly

58.8844, 62.4916, 53.7583

Tritanomaly

55.0958, 62.7414, 70.8345

Monochromacy



Original Color

51.4411, 62.7852, 52.5875

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.6767, 59.6824, 59.1429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4411, 62.7852, 52.5875 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(177, 218, 180)` looks like.

```
.text, #text, p{  
    color:rgb(177, 218, 180)  
}
```

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(177, 218, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 218, 180) }
```

Border

The CSS property to change the border of an element to XYZ 51.4411, 62.7852, 52.5875 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(177, 218, 180) }
```


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

```
.border{ border-color:rgb(177, 218, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 218, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 218, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 218, 180);  
box-shadow:4px 4px 4px 4px rgb(177, 218,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4411, 62.7852, 52.5875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 218, 180) }
```

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

```
.background{ background-color: rgb(177,  
218, 180) }
```

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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