

Converting Colors

XYZ(51.7764, 62.4798, 52.4589)

Have a look what the booklet for
XYZ(51.7764, 62.4798, 52.4589)
contains.

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Color

**XYZ(51.8735, 62.6243,
52.5337)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D9B4
RGB	180, 217, 180
RGB Percent	71%, 85%, 71%
CMY	0.2941, 0.1490, 0.2941
CMYK	0.17, 0.00, 0.17, 0.15
HSL	120°, 33%, 78%
HSV	120°, 17%, 85%
XYZ	51.8735, 62.6243, 52.5337
YIQ	201.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

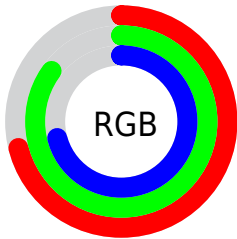
Format	Color
R _{YB}	180, 217, 217
Decimal	11852212
CIE Lab	83.24, -19.17, 14.25
CIE LCh	83, 23.885, 143.381
Yxy	62.6243, 0.3106, 0.3749
Android (android.graphics.Color)	4290042292 (0xFFB4D9B4)
YUV	201.7190, -10.7075, -19.0476
Hunter-Lab	79.1355, -21.4800, 16.0355

Details

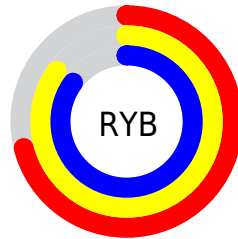
The XYZ color **51.8735, 62.6243, 52.5337** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.4632, 52.4055, 72.7352**, and the grayscale version is **56.0345, 58.9526, 64.1994**.

A 20% lighter version of the original color is **85.4924, 95.4090, 93.2667**, and **25.5035, 31.8850, 24.8889** is the 20% darker color. If you saturate the color by 10%, you get **45.1714, 59.4068, 41.5699**, and if you desaturate by 10%, it is **59.7160, 66.3933, 65.3601**.

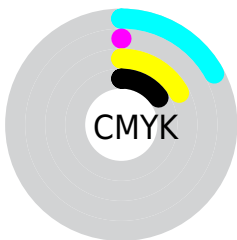
Distribution



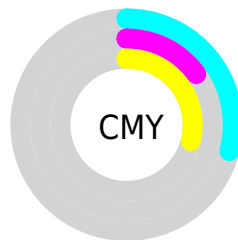
- Red (71%)
- Green (85%)
- Blue (71%)



- Red (71%)
- Yellow (85%)
- Blue (85%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8735, 62.6243, 52.5337 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 51.8735, 62.6243, 52.5337 by changing the saturation by 10% instead.

■ 51.8735, 62.6243,
52.5337

■ 51.8735, 62.6243,
52.5337

384.2800,
434.2047, 413.5090

■ 37.1281, 45.5373,
37.0455

■ 92.1200, 108.6273,
95.3524

■ 25.4808, 31.8809,
24.9466

118.3518,
138.3121, 123.5200

■ 16.5663, 21.2705,
15.8186

149.1431,
172.9651, 156.7512

■ 10.0191, 13.3219,
9.2430

184.8593,
212.9705, 195.4644

■ 5.4740, 7.6506,
4.8010

225.8658,
258.7127, 240.0783

■ 2.5656, 3.8722,
2.0743

272.5278,

■ 0.9284, 1.6023,

310.5763, 291.0113

0.6004

325.2108,
368.9455, 348.6820

0.0000, 0.3592,
0.0000

0.0000, 0.0000,
0.0000

51.8735, 62.6243,
52.5337

51.8735, 62.6243,
52.5337

45.1714, 59.4068,
41.5699

59.7160, 66.3933,
65.3601

39.5520, 56.7075,
32.3783

68.7432, 70.7295,
80.1257

34.9600, 54.5017,
24.8671

79.0032, 75.6579,
96.9078

31.3332, 52.7596,
18.9348

84.1041, 78.1081,
105.2514

■ 28.6028, 51.4481,
14.4688

■ 26.6910, 50.5297,
11.3415

■ 25.5064, 49.9607,
9.4040

■ 24.9292, 49.6834,
8.4597

■ 24.8141, 49.6281,
8.2714

Harmonies

Analogous

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



55.6530, 62.6243, 45.1925



51.8735, 62.6243, 52.5337



50.1579, 62.6243, 64.9484

Triad

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



51.8735, 62.6243, 52.5337



58.3806, 62.6243, 100.6654



69.1511, 62.6243, 57.4720

Complementary

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



51.8735, 62.6243, 52.5337



57.4632, 52.4055, 72.7352

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.



69.9857, 62.6243, 71.5319



51.8735, 62.6243, 52.5337



63.5674, 62.6243, 97.8981

Square

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



51.8735, 62.6243, 52.5337



53.7712, 62.6243, 93.7686



67.8888, 62.6243, 86.6770



65.6700, 62.6243, 47.7410

Rectangle

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



51.8735, 62.6243, 52.5337



50.3403, 62.6243, 75.0110



67.8888, 62.6243, 86.6770



69.7585, 62.6243, 61.7904

Sweetspot

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



51.8752, 62.6270, 52.5351



88.5284, 96.8674, 98.2328



61.6691, 67.6759, 52.9932



18.7601, 20.6430, 20.7174



0.0000, 0.0000, 0.0000



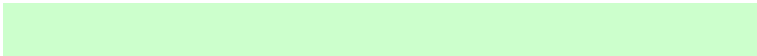
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8752, 62.6270, 52.5351



71.5610, 88.7170, 70.4795



53.8880, 63.4321, 63.1342



12.8866, 14.6063, 13.8657



15.0204, 30.0408, 5.0069



0.9731, 1.9462, 0.3244

Inverse Universe

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



57.4632, 52.4055, 72.7352



80.8828, 71.6657, 104.1771



55.1894, 51.4960, 60.7617



13.6144, 13.2749, 16.4969



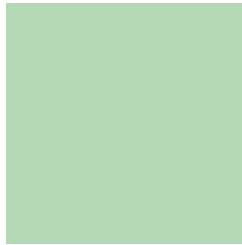
24.9036, 11.9625, 40.7339



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 51.8735, 62.6243, 52.5337 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 51.8735, 62.6243, 52.5337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

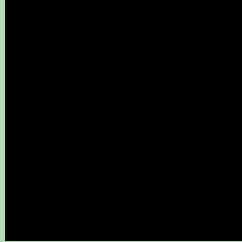
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8735, 62.6243, 52.5337

Background



This preview shows how black text looks on a background with the XYZ color 51.8735, 62.6243, 52.5337.



This preview shows how white text looks on a background with the XYZ color 51.8735, 62.6243,

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

51.8735, 62.6243, 52.5337

Protanopia

58.7226, 62.1432, 49.4573

Deuteranopia

63.3361, 61.9697, 53.9706



Tritanopia

57.6508, 62.3306, 81.6655

Trichromacy



Original Color

51.8735, 62.6243, 52.5337

Protanomaly

55.8842, 62.1049, 50.6370

Deuteranomaly

58.6429, 62.0086, 53.6778

Tritanomaly

55.4347, 62.5559, 70.1255

Monochromacy



Original Color

51.8735, 62.6243, 52.5337

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.2986, 59.9900, 59.7563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8735, 62.6243, 52.5337 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, 217, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 217, 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(180, 217, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 217, 180) }
```

Border

The CSS property to change the border of an element to XYZ 51.8735, 62.6243, 52.5337 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, 217, 180) }
```


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

```
.border{ border-color:rgb(180, 217, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 217, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 217, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 217, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 217,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8735, 62.6243, 52.5337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 217, 180) }
```

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

```
.background{ background-color: rgb(180,  
217, 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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