

Converting Colors

XYZ(50.9614, 63.0265, 55.2213)

Have a look what the booklet for
XYZ(50.9614, 63.0265, 55.2213)
contains.

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Color

**XYZ(50.8831, 62.8237,
55.3433)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDBB9
RGB	171, 219, 185
RGB Percent	67%, 86%, 73%
CMY	0.3294, 0.1412, 0.2745
CMYK	0.22, 0.00, 0.16, 0.14
HSL	137°, 40%, 76%
HSV	137°, 22%, 86%
XYZ	50.8831, 62.8237, 55.3433
YIQ	200.7720, -17.6940, -20.7500

Conversions

Conversions Part 2

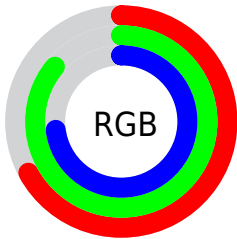
Format	Color
RYB	171, 208, 219
Decimal	11262905
CIELab	83.35, -22.24, 11.68
CIELCh	83, 25.122, 152.293
Yxy	62.8237, 0.3010, 0.3716
Android (android.graphics.Color)	4289452985 (0xFFABDBB9)
YUV	200.7720, -7.7756, -26.1100
Hunter-Lab	79.2614, -24.1166, 14.0845

Details

The XYZ color **50.8831, 62.8237, 55.3433** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.7980, 48.5953, 64.2521**, and the grayscale version is **55.4320, 58.3188, 63.5092**.

A 20% lighter version of the original color is **83.3157, 94.2018, 97.0106**, and **24.9115, 32.0684, 26.7066** is the 20% darker color. If you saturate the color by 10%, you get **44.9530, 59.9474, 46.9788**, and if you desaturate by 10%, it is **57.7857, 66.1842, 64.6889**.

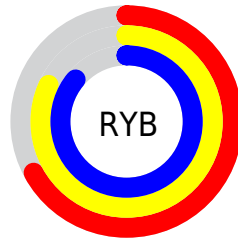
Distribution



Red (67%)

Green (86%)

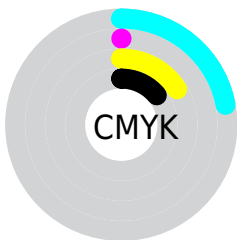
Blue (73%)



Red (67%)

Yellow (82%)

Blue (86%)

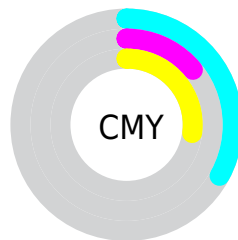


Cyan (22%)

Magenta (0%)

Yellow (16%)

Black (14%)



Cyan (33%)


Magenta (14%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8831, 62.8237, 55.3433 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 50.8831, 62.8237, 55.3433 by changing the saturation by 10% instead.


 50.8831, 62.8237,
55.3433

 50.8831, 62.8237,
55.3433


380.5046,
434.9294, 424.5305

 36.3362, 45.6986,
39.2762


 90.6660, 108.9151,
99.5200

 24.8653, 32.0080,
26.6652


116.6327,
138.6502, 128.4666

 16.1049, 21.3676,
17.0917


147.1368,
173.3575, 162.5434

 9.6898, 13.3930,
10.1372

182.5435,
213.4212, 202.1691

 5.2544, 7.6997,
5.3833

223.2183,
259.2259, 247.7621

 2.4336, 3.9034,
2.4112

269.5265,

 0.8619, 1.6197,

311.1559, 299.7410

0.7925

321.8335,
369.5956, 358.5243

■ 0.0000, 0.3708,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.8831, 62.8237,
55.3433

■ 50.8831, 62.8237,
55.3433

■ 44.9530, 59.9474,
46.9788

■ 57.7857, 66.1842,
64.6889

■ 39.9457, 57.5251,
39.5592

■ 65.6974, 70.0419,
75.0417

■ 35.8147, 55.5352,
33.0523

■ 74.6591, 74.4190,
86.4322

■ 32.5073, 53.9514,
27.4225

■ 83.3696, 78.6441,
98.8256

■ 29.9649, 52.7441,
22.6317

■ 84.6227, 79.1453,
105.4242

■ 28.1206, 51.8798,
18.6392

■ 26.8953, 51.3186,
15.4003

■ 26.2545, 51.0341,
13.2983

Harmonies

Analogous

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



54.2719, 62.8237, 45.9867



50.8831, 62.8237, 55.3433



49.8151, 62.8237, 69.6153

Triad

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



50.8831, 62.8237, 55.3433



60.1334, 62.8237, 103.0988



69.0433, 62.8237, 53.5525

Complementary

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



50.8831, 62.8237, 55.3433



54.7980, 48.5953, 64.2521

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.



70.8400, 62.8237, 67.2075



50.8831, 62.8237, 55.3433



65.5041, 62.8237, 97.1303

Square

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



50.8831, 62.8237, 55.3433



54.9580, 62.8237, 98.6591



69.5074, 62.8237, 83.3738



64.7327, 62.8237, 45.0689

Rectangle

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



50.8831, 62.8237, 55.3433



50.5069, 62.8237, 80.4679



69.5074, 62.8237, 83.3738



69.9727, 62.8237, 57.6111

Sweetspot

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



50.8848, 62.8263, 55.3447



86.8157, 95.9826, 98.2358



57.9719, 66.6423, 48.3368



18.4375, 20.4737, 20.8369



0.0000, 0.0000, 0.0000



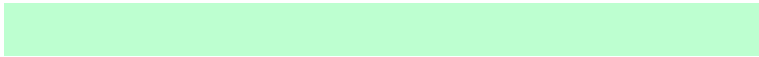
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8848, 62.8263, 55.3447



68.0616, 86.8563, 72.8757



53.5873, 63.9073, 69.5758



13.0419, 14.6684, 14.6839



15.6085, 30.2760, 8.1039



1.0483, 1.9763, 0.7202

Inverse Universe

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



54.7980, 48.5953, 64.2521



74.4646, 63.5629, 87.4451



52.1599, 47.5400, 50.3599



13.4441, 13.2067, 15.5998



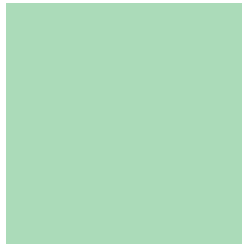
20.8866, 10.3557, 19.5805



1.3900, 0.6856, 1.4624

Previews

White Background



This preview shows how the XYZ color 50.8831, 62.8237, 55.3433 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 50.8831, 62.8237, 55.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

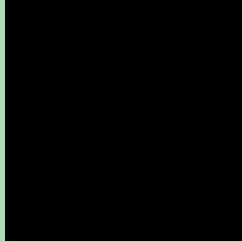
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8831, 62.8237, 55.3433

Background



This preview shows how black text looks on a background with the XYZ color 50.8831, 62.8237, 55.3433.



This preview shows how white text looks on a background with the XYZ color 50.8831, 62.8237,

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

50.8831, 62.8237, 55.3433

Protanopia

59.0648, 62.6320, 51.6240

Deuteranopia

63.7713, 62.4751, 56.8419



Tritanopia

56.6676, 62.8854, 84.0143

Trichromacy



Original Color

50.8831, 62.8237, 55.3433

Protanomaly

55.4542, 62.2041, 52.7999

Deuteranomaly

58.2539, 62.1054, 56.4942

Tritanomaly

54.3425, 62.6860, 72.8538

Monochromacy



Original Color

50.8831, 62.8237, 55.3433

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.6414, 59.9990, 60.3835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8831, 62.8237, 55.3433 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(171, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(171, 219, 185)  
}
```

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(171, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 219, 185) }
```

Border

The CSS property to change the border of an element to XYZ 50.8831, 62.8237, 55.3433 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(171, 219, 185) }
```


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

```
.border{ border-color:rgb(171, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(171, 219,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8831, 62.8237, 55.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 219, 185) }
```

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

```
.background{ background-color: rgb(171,  
219, 185) }
```

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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