

Converting Colors

XYZ(43.3510, 47.9261, 51.7875)

Have a look what the booklet for
XYZ(43.3510, 47.9261, 51.7875)
contains.

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Color

**XYZ(43.5437, 48.1560,
51.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBCB7
RGB	172, 188, 183
RGB Percent	67%, 74%, 72%
CMY	0.3255, 0.2627, 0.2823
CMYK	0.09, 0.00, 0.03, 0.26
HSL	161°, 11%, 71%
HSV	161°, 9%, 74%
XYZ	43.5437, 48.1560, 51.7998
YIQ	182.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

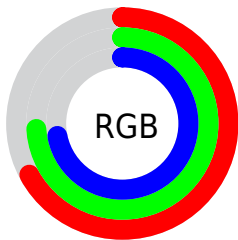
Format	Color
RYB	172, 181, 188
Decimal	11320503
CIELab	74.92, -6.46, 0.63
CIELCh	75, 6.494, 174.394
Yxy	48.1560, 0.3034, 0.3356
Android (android.graphics.Color)	4289510583 (0xFFACBCB7)
YUV	182.6460, 0.1745, -9.3365
Hunter-Lab	69.3945, -9.4352, 4.3189

Details

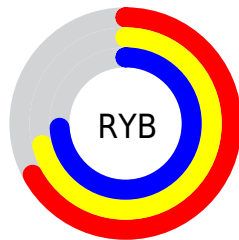
The XYZ color **43.5437, 48.1560, 51.7998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4291, 43.3719, 47.6798**, and the grayscale version is **44.8192, 47.1533, 51.3499**.

A 20% lighter version of the original color is **79.6092, 87.2643, 94.3092**, and **20.4390, 22.9327, 24.4683** is the 20% darker color. If you saturate the color by 10%, you get **39.1071, 45.9394, 48.4658**, and if you desaturate by 10%, it is **48.5923, 50.6878, 55.2978**.

Distribution



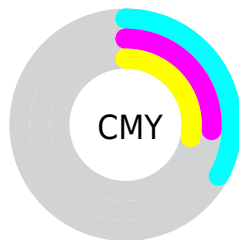
- Red (67%)
- Green (74%)
- Blue (72%)



- Red (67%)
- Yellow (71%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5437, 48.1560, 51.7998 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 43.5437, 48.1560, 51.7998 by changing the saturation by 10% instead.

■ 43.5437, 48.1560,
51.7998

■ 43.5437, 48.1560,
51.7998

351.7267,
379.4101, 410.5982

■ 30.5083, 33.9504,
36.4644

■ 79.7813, 87.4366,
94.2595

■ 20.3747, 22.8555,
24.5005

103.7142,
113.2805, 122.2208

■ 12.7776, 14.4869,
15.4897

132.0103,
143.7726, 155.2279

■ 7.3515, 8.4601,
9.0134

165.0350,
179.2973, 193.6993

■ 3.7312, 4.3907,
4.6530

203.1537,
220.2390, 238.0534

■ 1.5512, 1.8944,
1.9900

246.7316,

■ 0.3603, 0.5450,

266.9821, 288.7090

0.5491

296.1342,
319.9110, 346.0843

■ 0.0000, 0.0000,
0.0000

■ 43.5437, 48.1560,
51.7998

■ 43.5437, 48.1560,
51.7998

■ 39.1071, 45.9394,
48.4658

■ 48.5923, 50.6878,
55.2978

■ 35.2538, 44.0193,
45.2899

■ 54.2721, 53.5407,
58.9594

■ 31.9587, 42.3840,
42.2702

■ 60.6065, 56.7280,
62.7880

■ 29.1933, 41.0190,
39.4038

■ 67.6163, 60.2605,
66.7863

■ 26.9266, 39.9082,
36.6875

■ 71.1569, 62.0014,
70.7618

■ 25.1240, 39.0340,
34.1179

■ 71.9139, 62.3042,
74.7480

■ 23.7467, 38.3762,
31.6916

■ 72.6982, 62.6179,
78.8780

■ 22.7489, 37.9114,
29.4044

■ 73.5100, 62.9426,
83.1531

■ 22.0554, 37.6008,
27.2511

■ 74.3497, 63.2785,
87.5749

Harmonies

Analogous

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



43.9458, 48.1560, 48.7309



43.5437, 48.1560, 51.7998



43.7299, 48.1560, 55.1711

Triad

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



43.5437, 48.1560, 51.7998



46.7169, 48.1560, 58.5945



47.1082, 48.1560, 47.3124

Complementary

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



43.5437, 48.1560, 51.7998



43.4291, 43.3719, 47.6798

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.



47.8743, 48.1560, 49.7883



43.5437, 48.1560, 51.7998



47.6457, 48.1560, 56.3195

Square

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



43.5437, 48.1560, 51.7998



45.5490, 48.1560, 59.1894



48.0726, 48.1560, 53.0727



45.9934, 48.1560, 46.2127

Rectangle

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



43.5437, 48.1560, 51.7998



44.1643, 48.1560, 57.1255



48.0726, 48.1560, 53.0727



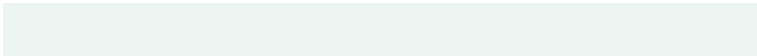
47.4158, 48.1560, 48.0061

Sweetspot

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



43.5451, 48.1580, 51.8009



83.7723, 89.7081, 97.3020



43.5778, 48.3021, 46.0568



17.8560, 19.2117, 20.8143



90.7827, 95.5105, 104.0109



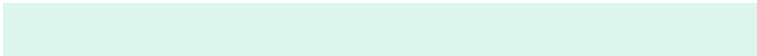
18.6292, 19.5994, 21.3438

Same Dimension

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



43.5451, 48.1580, 51.8009



77.5116, 86.5725, 92.8583



43.4548, 47.1292, 54.3859



9.6781, 10.7574, 11.5546



14.9867, 25.5850, 18.5247



0.6153, 1.0135, 0.8743

Inverse Universe

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



43.4291, 43.3719, 47.6798



77.2636, 76.3310, 84.0403



43.5040, 44.3052, 45.2892



9.6497, 9.5842, 10.5445



14.6836, 7.5046, 3.6277



0.6055, 0.3061, 0.3019

Previews

White Background



This preview shows how the XYZ color 43.5437, 48.1560, 51.7998 looks on a white background.

Color Contrast Check

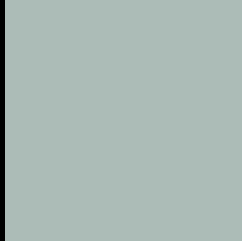
Large Text (above 18pt) WCAG AA × Fail

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 43.5437, 48.1560, 51.7998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

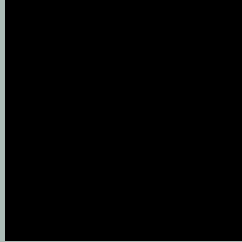
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5437, 48.1560, 51.7998

Background



This preview shows how black text looks on a background with the XYZ color 43.5437, 48.1560, 51.7998.



This preview shows how white text looks on a background with the XYZ color 43.5437, 48.1560,

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

43.5437, 48.1560, 51.7998

Protanopia

45.9107, 47.8536, 49.9969

Deuteranopia

48.7647, 47.7611, 52.5476



Tritanopia

45.4535, 47.9820, 61.5094

Trichromacy



Original Color

43.5437, 48.1560, 51.7998

Protanomaly

44.9809, 47.9792, 50.6062

Deuteranomaly

46.6149, 47.8637, 52.1292

Tritanomaly

44.7521, 48.0115, 57.9474

Monochromacy



Original Color

43.5437, 48.1560, 51.7998

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4866, 47.7005, 51.6622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5437, 48.1560, 51.7998 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(172, 188, 183)` looks like.

```
.text, #text, p{  
    color:rgb(172, 188, 183)  
}
```

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(172, 188, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 188, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.5437, 48.1560, 51.7998 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(172, 188, 183) }
```


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

```
.border{ border-color:rgb(172, 188, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 188, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 188, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 188, 183); box-shadow:4px 4px 4px 4px rgb(172, 188, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5437, 48.1560, 51.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 188, 183) }
```

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

```
.background{ background-color: rgb(172,  
188, 183) }
```

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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