

Converting Colors

XYZ(44.7599, 49.2968, 51.8511)

Have a look what the booklet for
XYZ(44.7599, 49.2968, 51.8511)
contains.

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Color

**XYZ(44.8652, 49.4759,
51.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BEB7
RGB	176, 190, 183
RGB Percent	69%, 75%, 72%
CMY	0.3098, 0.2549, 0.2823
CMYK	0.07, 0.00, 0.04, 0.25
HSL	150°, 10%, 72%
HSV	150°, 7%, 75%
XYZ	44.8652, 49.4759, 51.9849
YIQ	185.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

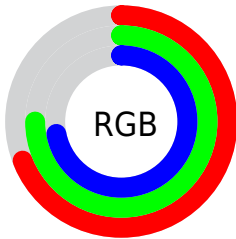
Format	Color
RYB	176, 185, 190
Decimal	11583159
CIELab	75.75, -6.15, 1.87
CIELCh	76, 6.428, 163.106
Yxy	49.4759, 0.3066, 0.3381
Android (android.graphics.Color)	4289773239 (0xFFB0BEB7)
YUV	185.0160, -0.9939, -7.9070
Hunter-Lab	70.3391, -9.2387, 5.4184

Details

The XYZ color **44.8652, 49.4759, 51.9849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3096, 45.4180, 51.1806**, and the grayscale version is **46.1319, 48.5344, 52.8539**.

A 20% lighter version of the original color is **81.8145, 89.2993, 94.5858**, and **21.1433, 23.7140, 24.5820** is the 20% darker color. If you saturate the color by 10%, you get **39.9104, 47.0335, 46.7637**, and if you desaturate by 10%, it is **50.4909, 52.2593, 57.5881**.

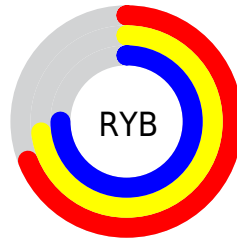
Distribution



Red (69%)

Green (75%)

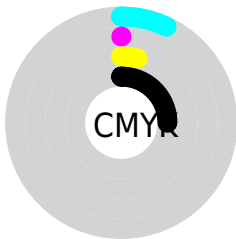
Blue (72%)



Red (69%)

Yellow (73%)

Blue (75%)

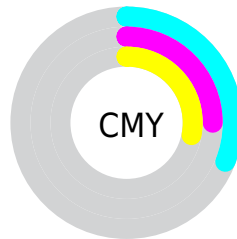


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (31%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8652, 49.4759, 51.9849 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 44.8652, 49.4759, 51.9849 by changing the saturation by 10% instead.

■ 44.8652, 49.4759,
51.9849

■ 44.8652, 49.4759,
51.9849

357.0202,
384.6128, 411.3336

■ 31.5521, 34.9971,
36.6109

■ 81.7564, 89.3979,
94.5353

■ 21.1735, 23.6607,
24.6129

106.0652,
115.6099, 122.5488

■ 13.3641, 15.0821,
15.5725

134.7700,
146.5017, 155.6125

■ 7.7584, 8.8770,
9.0711

168.2360,
182.4578, 194.1450

■ 3.9913, 4.6611,
4.6901

206.8287,
223.8626, 238.5648

■ 1.6972, 2.0498,
2.0111

250.9134,

■ 0.4545, 0.6362,

271.1004, 289.2905

0.5621

300.8554,
324.5557, 346.7406

■ 0.0000, 0.0000,
0.0000

■ 44.8652, 49.4759,
51.9849

■ 44.8652, 49.4759,
51.9849

■ 39.9104, 47.0335,
46.7637

■ 50.4909, 52.2593,
57.5881

■ 35.5963, 44.9123,
41.9133

■ 56.8080, 55.3898,
63.5779

■ 31.8962, 43.1003,
37.4264

■ 63.8412, 58.8815,
69.9630

■ 28.7801, 41.5822,
33.2943

■ 71.6129, 62.7458,
76.7505

■ 26.2154, 40.3412,
29.5080

■ 74.0094, 63.8308,
83.6607

■ 24.1660, 39.3589,
26.0580

■ 75.3848, 64.3809,
90.9031

■ 22.5913, 38.6146,
22.9342

■ 76.8340, 64.9606,
98.5349

■ 21.4440, 38.0841,
20.1262

■ 77.7044, 65.3088,
103.1181

■ 20.6571, 37.7331,
17.6218

Harmonies

Analogous

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



45.4757, 49.4759, 49.2171



44.8652, 49.4759, 51.9849



44.8272, 49.4759, 55.3738

Triad

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



44.8652, 49.4759, 51.9849



47.5473, 49.4759, 60.5234



48.7194, 49.4759, 49.5066

Complementary

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



44.8652, 49.4759, 51.9849



45.3096, 45.4180, 51.1806

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.



49.2942, 49.4759, 52.3954



44.8652, 49.4759, 51.9849



48.6098, 49.4759, 58.8091

Square

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



44.8652, 49.4759, 51.9849



46.3621, 49.4759, 60.4021



49.2538, 49.4759, 55.8019



47.6949, 49.4759, 47.8282

Rectangle

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



44.8652, 49.4759, 51.9849



45.1306, 49.4759, 57.5380



49.2538, 49.4759, 55.8019



48.9724, 49.4759, 50.3629

Sweetspot

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



44.8666, 49.4780, 51.9860



86.5868, 92.2694, 99.5331



45.8357, 50.0597, 48.3217



19.0365, 20.2728, 21.8793



92.9021, 97.7402, 106.4391



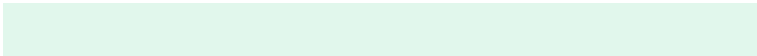
19.4759, 20.4902, 22.3138

Same Dimension

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



44.8666, 49.4780, 51.9860



79.6187, 88.8263, 92.4710



45.5884, 49.7667, 55.7872



9.6023, 10.7270, 11.1553



13.6564, 25.0528, 11.5194



0.5680, 0.9946, 0.6251

Inverse Universe

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



45.3096, 45.4180, 51.1806



80.6030, 79.8052, 90.6815



44.6216, 45.1428, 47.5578



9.7238, 9.6138, 10.9344



15.5339, 7.8447, 8.1053



0.6415, 0.3205, 0.4914

Previews

White Background



This preview shows how the XYZ color 44.8652, 49.4759, 51.9849 looks on a white background.

Color Contrast Check

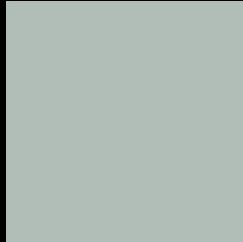
Large Text (above 18pt) WCAG AA × Fail

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 44.8652, 49.4759, 51.9849 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

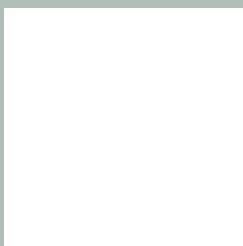
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.8652, 49.4759, 51.9849

Background



This preview shows how black text looks on a background with the XYZ color 44.8652, 49.4759, 51.9849.



This preview shows how white text looks on a background with the XYZ color 44.8652, 49.4759,

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

44.8652, 49.4759, 51.9849

Protanopia

47.3853, 49.5304, 50.7789

Deuteranopia

50.2551, 49.1244, 52.7322



Tritanopia

47.0214, 49.3886, 62.9318

Trichromacy



Original Color

44.8652, 49.4759, 51.9849

Protanomaly

46.4635, 49.3572, 51.3340

Deuteranomaly

48.0404, 49.2110, 52.3141

Tritanomaly

46.1936, 49.3715, 58.7248

Monochromacy



Original Color

44.8652, 49.4759, 51.9849

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.7135, 48.9464, 52.3856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8652, 49.4759, 51.9849 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(176, 190, 183)` looks like.

```
.text, #text, p{  
    color:rgb(176, 190, 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(176, 190, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 190, 183) }
```

Border

The CSS property to change the border of an element to XYZ 44.8652, 49.4759, 51.9849 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(176, 190, 183) }
```


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

```
.border{ border-color:rgb(176, 190, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 190, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 190, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 190, 183); box-shadow:4px 4px 4px 4px rgb(176, 190, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8652, 49.4759, 51.9849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 190, 183) }
```

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

```
.background{ background-color: rgb(176,  
190, 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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