

Converting Colors

XYZ(43.2397, 48.1935, 51.7539)

Have a look what the booklet for
XYZ(43.2397, 48.1935, 51.7539)
contains.

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Color

**XYZ(43.3224, 48.3601,
51.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	AABDB7
RGB	170, 189, 183
RGB Percent	67%, 74%, 72%
CMY	0.3333, 0.2588, 0.2823
CMYK	0.10, 0.00, 0.03, 0.26
HSL	161°, 13%, 70%
HSV	161°, 10%, 74%
XYZ	43.3224, 48.3601, 51.8509
YIQ	182.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

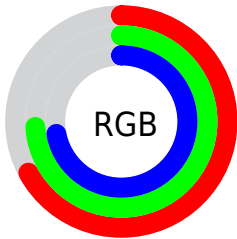
Format	Color
RYB	170, 181, 189
Decimal	11189687
CIELab	75.05, -7.67, 0.80
CIElCh	75, 7.712, 174.015
Yxy	48.3601, 0.3018, 0.3369
Android (android.graphics.Color)	4289379767 (0xFFAABDB7)
YUV	182.6350, 0.1799, -11.0809
Hunter-Lab	69.5414, -10.4969, 4.4717

Details

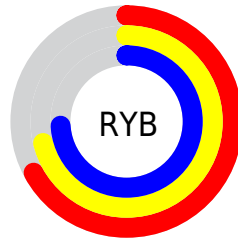
The XYZ color **43.3224, 48.3601, 51.8509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.1992, 42.7041, 47.0423**, and the grayscale version is **44.8137, 47.1475, 51.3436**.

A 20% lighter version of the original color is **79.2837, 87.5444, 94.3804**, and **20.3046, 23.0716, 24.5022** is the 20% darker color. If you saturate the color by 10%, you get **38.9187, 46.1615, 48.4701**, and if you desaturate by 10%, it is **48.3427, 50.8761, 55.4002**.

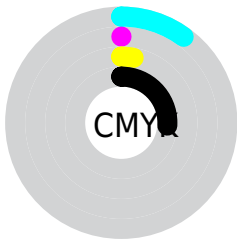
Distribution



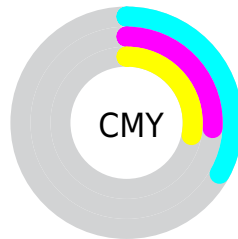
- Red (67%)
- Green (74%)
- Blue (72%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3224, 48.3601, 51.8509 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 43.3224, 48.3601, 51.8509 by changing the saturation by 10% instead.

■ 43.3224, 48.3601,
51.8509

■ 43.3224, 48.3601,
51.8509

350.8350,
380.2177, 410.8013

■ 30.3338, 34.1121,
36.5048

■ 79.4498, 87.7403,
94.3357

■ 20.2414, 22.9798,
24.5316

103.3193,
113.6414, 122.3114

■ 12.6799, 14.5786,
15.5126

131.5465,
144.1956, 155.3341

■ 7.2840, 8.5242,
9.0293

164.4968,
179.7873, 193.8224

■ 3.6882, 4.4321,
4.6632

202.5354,
220.8010, 238.1947

■ 1.5273, 1.9181,
1.9958

246.0277,

■ 0.3443, 0.5592,

267.6210, 288.8696

0.5527

295.3391,
320.6318, 346.2656

■ 0.0000, 0.0000,
0.0000

■ 43.3224, 48.3601,
51.8509

■ 43.3224, 48.3601,
51.8509

■ 38.9187, 46.1615,
48.4701

■ 48.3427, 50.8761,
55.4002

■ 35.1021, 44.2613,
45.2516

■ 53.9992, 53.7157,
59.1176

■ 31.8470, 42.6475,
42.1937

■ 60.3157, 56.8925,
63.0068

■ 29.1241, 41.3052,
39.2932

■ 67.3136, 60.4174,
67.0704

■ 26.9015, 40.2179,
36.5468

■ 71.4301, 62.4536,
71.1432

■ 25.1436, 39.3673,
33.9510

■ 72.2015, 62.7622,
75.2051

■ 23.8100, 38.7326,
31.5021

■ 73.0010, 63.0820,
79.4154

■ 22.8531, 38.2894,
29.1959

■ 73.8290, 63.4132,
83.7757

■ 22.1809, 37.9899,
27.0375

■ 74.6858, 63.7559,
88.2875

Harmonies

Analogous

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



43.8071, 48.3601, 48.2267



43.3224, 48.3601, 51.8509



43.5340, 48.3601, 55.8775

Triad

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



43.3224, 48.3601, 51.8509



47.0764, 48.3601, 60.0669



47.5753, 48.3601, 46.6232

Complementary

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



43.3224, 48.3601, 51.8509



43.1992, 42.7041, 47.0423

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.



48.4845, 48.3601, 49.5606



43.3224, 48.3601, 51.8509



48.1923, 48.3601, 57.3483

Square

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



43.3224, 48.3601, 51.8509



45.6829, 48.3601, 60.7566



48.7126, 48.3601, 53.4692



46.2479, 48.3601, 45.3093

Rectangle

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



43.3224, 48.3601, 51.8509



44.0436, 48.3601, 58.2339



48.7126, 48.3601, 53.4692



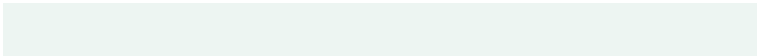
47.9411, 48.3601, 47.4460

Sweetspot

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



43.3238, 48.3621, 51.8520



83.7687, 89.7067, 97.2830



43.3631, 48.5316, 45.1130



17.8550, 19.2113, 20.8092



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.



43.3238, 48.3621, 51.8520



75.8117, 85.7235, 91.5427



43.2217, 47.1365, 54.9667



9.6768, 10.7568, 11.5476



14.9591, 25.5739, 18.3795



0.6143, 1.0131, 0.8694

Inverse Universe

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



43.1992, 42.7041, 47.0423



75.5452, 73.6137, 81.2494



43.2799, 43.7953, 44.2032



9.6510, 9.5847, 10.5512



14.6947, 7.5090, 3.6859



0.6061, 0.3063, 0.3048

Previews

White Background



This preview shows how the XYZ color 43.3224, 48.3601, 51.8509 looks on a white background.

Color Contrast Check

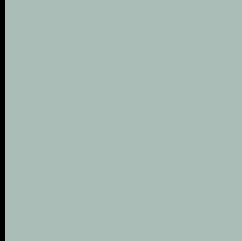
Large Text (above 18pt) WCAG AA × Fail

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 43.3224, 48.3601, 51.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

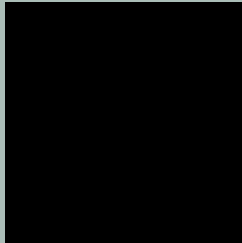
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

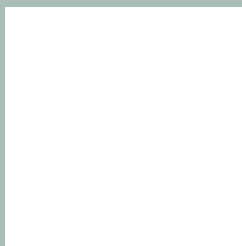
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3224, 48.3601, 51.8509

Background



This preview shows how black text looks on a background with the XYZ color 43.3224, 48.3601, 51.8509.



This preview shows how white text looks on a background with the XYZ color 43.3224, 48.3601,

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

43.3224, 48.3601, 51.8509

Protanopia

46.3650, 48.3951, 50.0775

Deuteranopia

49.2342, 48.2995, 52.6268



Tritanopia

45.3351, 48.2191, 62.1761

Trichromacy



Original Color

43.3224, 48.3601, 51.8509

Protanomaly

45.1908, 48.3991, 50.6762

Deuteranomaly

46.8204, 48.2748, 52.1977

Tritanomaly

44.5212, 48.2063, 57.9972

Monochromacy



Original Color

43.3224, 48.3601, 51.8509

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.2563, 47.5818, 51.6514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3224, 48.3601, 51.8509 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(170, 189, 183)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 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(170, 189, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.3224, 48.3601, 51.8509 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(170, 189, 183) }
```


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

```
.border{ border-color:rgb(170, 189, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 189, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 183);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3224, 48.3601, 51.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 189, 183) }
```

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

```
.background{ background-color: rgb(170,  
189, 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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