

Converting Colors

XYZ(43.9982, 51.2453, 46.4787)

Have a look what the booklet for
XYZ(43.9982, 51.2453, 46.4787)
contains.

XYZ(43.9809, 51.1163, 46.5781)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.9809, 51.1163,
46.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC4AC
RGB	171, 196, 172
RGB Percent	67%, 77%, 67%
CMY	0.3294, 0.2314, 0.3255
CMYK	0.13, 0.00, 0.12, 0.23
HSL	122°, 17%, 72%
HSV	122°, 13%, 77%
XYZ	43.9809, 51.1163, 46.5781
YIQ	185.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

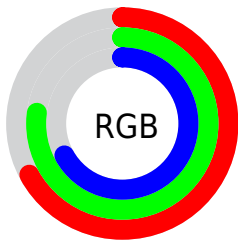
Format	Color
RYB	171, 195, 196
Decimal	11257004
CIELab	76.75, -13.05, 9.22
CIELCh	77, 15.975, 144.766
Yxy	51.1163, 0.3104, 0.3608
Android (android.graphics.Color)	4289447084 (0xFFABC4AC)
YUV	185.7890, -6.7980, -12.9700
Hunter-Lab	71.4957, -15.3123, 11.4206

Details

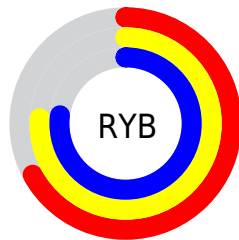
The XYZ color **43.9809, 51.1163, 46.5781** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.1800, 44.8029, 57.7933**, and the grayscale version is **46.5949, 49.0215, 53.3844**.

A 20% lighter version of the original color is **80.3544, 91.9654, 86.1890**, and **20.6709, 24.6240, 21.4327** is the 20% darker color. If you saturate the color by 10%, you get **38.3430, 48.4056, 37.5396**, and if you desaturate by 10%, it is **50.5106, 54.2602, 56.9962**.

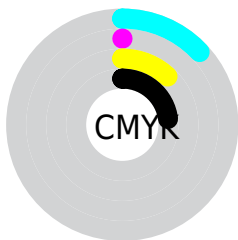
Distribution



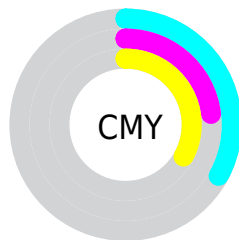
- Red (67%)
- Green (77%)
- Blue (67%)



- Red (67%)
- Yellow (76%)
- Blue (77%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)





- Cyan (33%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9809, 51.1163, 46.5781 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 43.9809, 51.1163, 46.5781 by changing the saturation by 10% instead.


 43.9809, 51.1163,
46.5781

 43.9809, 51.1163,
46.5781


353.4839,
391.0155, 389.4728

 30.8533, 36.3012,
32.3503


 80.4355, 91.8267,
86.4269

 20.6385, 24.6669,
21.3622


104.4933,
118.4907, 112.8850

 12.9709, 15.8290,
13.1952


132.9252,
149.8731, 144.2569

 7.4854, 9.4033,
7.4308

166.0966,
186.3584, 180.9611

 3.8165, 5.0051,
3.6504

204.3728,
228.3309, 223.4163

 1.5988, 2.2503,
1.4356

248.1191,

 0.3917, 0.7472,

276.1749, 272.0410

0.1693

297.7010,
330.2750, 327.2537

■ 0.0000, 0.0000,
0.0000

■ 43.9809, 51.1163,
46.5781

■ 43.9809, 51.1163,
46.5781

■ 38.3430, 48.4056,
37.5396

■ 50.5106, 54.2602,
56.9962

■ 33.5543, 46.1028,
29.8196

■ 57.9641, 57.8480,
68.8448

■ 29.5749, 44.1902,
23.3577

■ 66.3769, 61.8986,
82.1763

■ 26.3601, 42.6463,
18.0871

■ 75.7813, 66.4276,
97.0394

■ 23.8608, 41.4471,
13.9352

■ 79.0309, 67.9618,
103.5603

■ 22.0223, 40.5664,
10.8212

■ 20.7819, 39.9736,
8.6536

■ 20.0649, 39.6327,
7.3249

■ 19.7839, 39.4990,
6.8065

Harmonies

Analogous

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



46.1853, 51.1163, 41.8436



43.9809, 51.1163, 46.5781



43.0124, 51.1163, 54.1493

Triad

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



43.9809, 51.1163, 46.5781



48.0552, 51.1163, 73.9745



54.0672, 51.1163, 48.9578

Complementary

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



43.9809, 51.1163, 46.5781



47.1800, 44.8029, 57.7933

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.



54.6182, 51.1163, 57.1923



43.9809, 51.1163, 46.5781



51.0654, 51.1163, 72.2180

Square

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



43.9809, 51.1163, 46.5781



45.3014, 51.1163, 70.4231



53.4987, 51.1163, 65.8450



52.0226, 51.1163, 43.1142

Rectangle

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



43.9809, 51.1163, 46.5781



43.1675, 51.1163, 60.0175



53.4987, 51.1163, 65.8450



54.4367, 51.1163, 51.5129

Sweetspot

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



43.9823, 51.1185, 46.5792



89.8597, 97.5018, 100.6364



49.6416, 54.0470, 46.3444



19.0313, 20.7720, 21.2179



0.0000, 0.0000, 0.0000



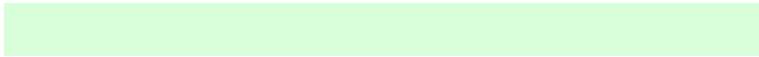
20.3446, 21.4041, 23.3091

Same Dimension

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



43.9823, 51.1185, 46.5792



76.9926, 91.3101, 80.0887



45.2228, 51.6147, 53.1115



9.9604, 11.2652, 10.7948



12.7190, 25.3817, 4.4133



0.5553, 1.0990, 0.2209

Inverse Universe

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



47.1800, 44.8029, 57.7933



83.7930, 77.8788, 103.9371



45.8421, 44.2678, 50.7479



10.4793, 10.2403, 12.6147



20.4788, 9.8813, 31.4973



0.8903, 0.4291, 1.3899

Previews

White Background



This preview shows how the XYZ color 43.9809, 51.1163, 46.5781 looks on a white background.

Color Contrast Check

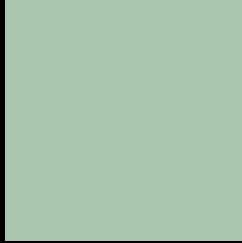
Large Text (above 18pt) WCAG AA × Fail

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 43.9809, 51.1163, 46.5781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

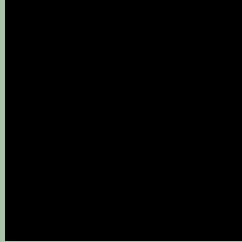
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

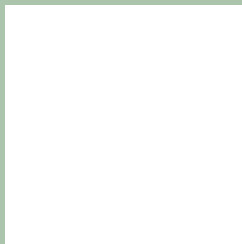
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9809, 51.1163, 46.5781

Background



This preview shows how black text looks on a background with the XYZ color 43.9809, 51.1163, 46.5781.



This preview shows how white text looks on a background with the XYZ color 43.9809, 51.1163,

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

43.9809, 51.1163, 46.5781

Protanopia

48.0771, 50.6639, 44.2910

Deuteranopia

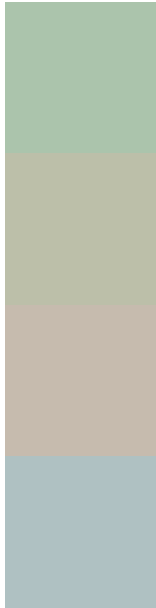
51.9064, 50.6972, 47.6072



Tritanopia

47.9028, 51.0649, 65.7243

Trichromacy



Original Color

43.9809, 51.1163, 46.5781

Protanomaly

46.5313, 50.8175, 44.8924

Deuteranomaly

48.6990, 50.6024, 47.2449

Tritanomaly

46.4868, 51.1489, 58.4616

Monochromacy



Original Color

43.9809, 51.1163, 46.5781

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.8100, 49.9869, 50.9500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9809, 51.1163, 46.5781 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, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(171, 196, 172)  
}
```

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, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 196, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.9809, 51.1163, 46.5781 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, 196, 172) }
```


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

```
.border{ border-color:rgb(171, 196, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 196, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 196, 172); box-shadow:4px 4px 4px 4px rgb(171, 196, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9809, 51.1163, 46.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 196, 172) }
```

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

```
.background{ background-color: rgb(171,  
196, 172) }
```

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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