

Converting Colors

XYZ(40.8965, 44.8600, 43.0302)

Have a look what the booklet for
XYZ(40.8965, 44.8600, 43.0302)
contains.

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Color

**XYZ(40.9545, 44.8364,
43.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB5A7
RGB	174, 181, 167
RGB Percent	68%, 71%, 65%
CMY	0.3176, 0.2902, 0.3451
CMYK	0.04, 0.00, 0.08, 0.29
HSL	90°, 9%, 68%
HSV	90°, 8%, 71%
XYZ	40.9545, 44.8364, 43.0550
YIQ	177.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

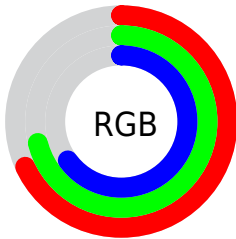
Format	Color
R _{YB}	167, 181, 174
Decimal	11449767
CIE Lab	72.78, -5.04, 6.28
CIE LCh	73, 8.050, 128.746
Yxy	44.8364, 0.3179, 0.3480
Android (android.graphics.Color)	4289639847 (0xFFFAEB5A7)
YUV	177.3110, -5.0833, -2.9037
Hunter-Lab	66.9600, -8.0047, 8.7488

Details

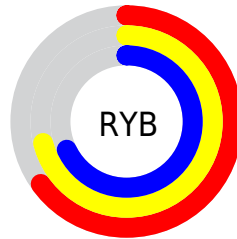
The XYZ color **40.9545, 44.8364, 43.0550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.6164, 39.9735, 49.3460**, and the grayscale version is **41.9803, 44.1665, 48.0973**.

A 20% lighter version of the original color is **75.7821, 82.5003, 81.0373**, and **18.8397, 20.8137, 19.2441** is the 20% darker color. If you saturate the color by 10%, you get **37.4481, 43.2101, 34.7590**, and if you desaturate by 10%, it is **44.8336, 46.6304, 52.5929**.

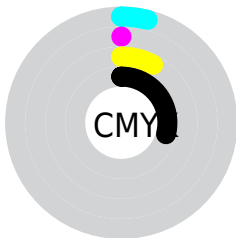
Distribution



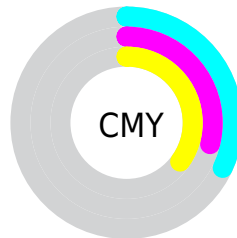
- Red (68%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9545, 44.8364, 43.0550 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 40.9545, 44.8364, 43.0550 by changing the saturation by 10% instead.

■ 40.9545, 44.8364,
43.0550

■ 40.9545, 44.8364,
43.0550

341.1962,
366.1106, 374.7658

■ 28.4710, 31.3286,
29.5966

■ 75.8900, 82.4749,
81.0811

■ 18.8233, 20.8492,
19.2831

■ 99.0727, 107.3743,
106.4858

■ 11.6459, 13.0138,
11.6961

126.5525,
136.8397, 136.7097

■ 6.5735, 7.4381,
6.4171

158.6949,
171.2555, 172.1713

■ 3.2408, 3.7375,
3.0275

195.8651,
211.0061, 213.2892

■ 1.2823, 1.5279,
1.1087

238.4285,

■ 0.1699, 0.3082,

256.4759, 260.4819

0.0000

286.7504,
308.0493, 314.1679

■ 0.0000, 0.0000,
0.0000

■ 40.9545, 44.8364,
43.0550

■ 40.9545, 44.8364,
43.0550

■ 37.4481, 43.2101,
34.7590

■ 44.8336, 46.6304,
52.5929

■ 34.2983, 41.7404,
27.6509

■ 49.0934, 48.5912,
63.4179

■ 31.4932, 40.4236,
21.6771

■ 53.7462, 50.7255,
75.5765

■ 29.0190, 39.2540,
16.7786

■ 58.8026, 53.0378,
89.1120

■ 26.8604, 38.2250,
12.8913

■ 63.8672, 55.3703,
101.9291

■ 25.0011, 37.3298,
9.9441

■ 66.6697, 56.8150,
102.0603

■ 23.4226, 36.5606,
7.8566

■ 69.6225, 58.3373,
102.1985

■ 22.1038, 35.9086,
6.5352

■ 72.7281, 59.9382,
102.3438

■ 21.0140, 35.3612,
5.8355

■ 75.8147, 61.5295,
102.4882

Harmonies

Analogous

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



42.2080, 44.8364, 41.5953



40.9545, 44.8364, 43.0550



40.1580, 44.8364, 46.0800

Triad

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



40.9545, 44.8364, 43.0550



41.6481, 44.8364, 56.3552



45.3294, 44.8364, 47.6574

Complementary

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



40.9545, 44.8364, 43.0550



39.6164, 39.9735, 49.3460

Split Complementary

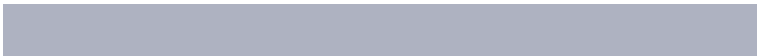
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.1716, 44.8364, 51.6649



40.9545, 44.8364, 43.0550



43.0259, 44.8364, 56.8345

Square

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



40.9545, 44.8364, 43.0550



40.5523, 44.8364, 53.8002



44.3211, 44.8364, 55.0762



44.7478, 44.8364, 44.1555

Rectangle

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



40.9545, 44.8364, 43.0550



39.9830, 44.8364, 48.6508



44.3211, 44.8364, 55.0762



45.3614, 44.8364, 48.9880

Sweetspot

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



40.9557, 44.8383, 43.0560



77.2250, 82.0941, 86.5707



41.1688, 42.8875, 42.6682



16.7075, 17.7510, 18.7515



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.9557, 44.8383, 43.0560



72.4190, 79.8705, 74.8744



39.4366, 44.0552, 42.9849



8.7802, 9.6918, 9.0605



14.4102, 24.3388, 3.9384



0.5207, 0.8005, 0.1271

Inverse Universe

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



39.6164, 39.9735, 49.3460



69.6089, 69.6630, 88.0721



41.2169, 40.7986, 49.4209



8.4333, 8.4319, 10.6894



8.7716, 3.8577, 30.4193



0.3433, 0.1561, 0.9603

Previews

White Background



This preview shows how the XYZ color 40.9545, 44.8364, 43.0550 looks on a white background.

Color Contrast Check

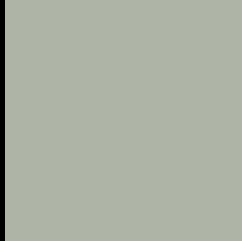
Large Text (above 18pt) WCAG AA × Fail

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 40.9545, 44.8364, 43.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

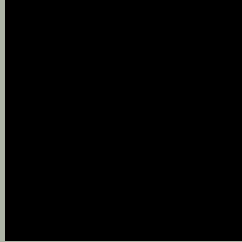
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

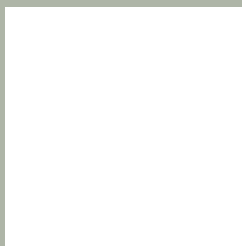
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9545, 44.8364, 43.0550

Background



This preview shows how black text looks on a background with the XYZ color 40.9545, 44.8364, 43.0550.



This preview shows how white text looks on a background with the XYZ color 40.9545, 44.8364,

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

40.9545, 44.8364, 43.0550

Protanopia

42.7195, 44.8717, 42.0069

Deuteranopia

45.4671, 44.5117, 43.7314



Tritanopia

43.4862, 44.6708, 55.6206

Trichromacy



Original Color

40.9545, 44.8364, 43.0550

Protanomaly

42.0591, 44.8171, 42.5102

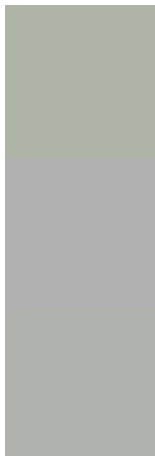
Deuteranomaly

43.6331, 44.4342, 43.3227

Tritanomaly

42.4954, 44.5653, 50.6182

Monochromacy



Original Color

40.9545, 44.8364, 43.0550

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3677, 44.0880, 45.8647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9545, 44.8364, 43.0550 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(174, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(174, 181, 167)  
}
```

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(174, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 181, 167) }
```

Border

The CSS property to change the border of an element to XYZ 40.9545, 44.8364, 43.0550 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(174, 181, 167) }
```


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

```
.border{ border-color:rgb(174, 181, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 181, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 181, 167); box-shadow:4px 4px 4px 4px rgb(174, 181, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9545, 44.8364, 43.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 181, 167) }
```

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

```
.background{ background-color: rgb(174,  
181, 167) }
```

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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