Converting Colors

XYZ(44.1814, 44.7303, 34.7849)

Have a look what the booklet for XYZ(44.1814, 44.7303, 34.7849) contains.

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Color

XYZ(44.1141, 44.5841, 34.7143)

Conversions

Conversions Part 1

Format	Color
Hex	C7AE95
RGB	199, 174, 149
RGB Percent	78%, 68%, 58%
CMY	0.2196, 0.3176, 0.4157
CMYK	0.00, 0.13, 0.25, 0.22
HSL	30°, 31%, 68%
HSV	30°, 25%, 78%
XYZ	44.1141, 44.5841, 34.7143
YIQ	178.6250, 22.9250, -2.4750

Conversions

Conversions Part 2

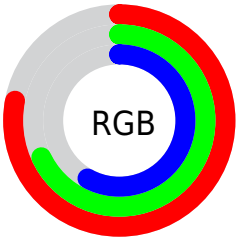
Format	Color
RYB	199, 199, 149
Decimal	13086357
CIELab	72.62, 5.15, 16.16
CIELCh	73, 16.960, 72.312
Yxy	44.5841, 0.3575, 0.3613
Android (android.graphics.Color)	4291276437 (0xFFC7AE95)
YUV	178.6250, -14.6051, 17.8689
Hunter-Lab	66.7713, 1.0805, 15.9152

Details

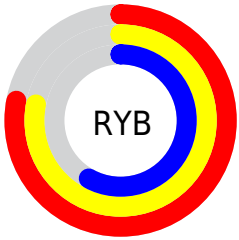
The XYZ color 44.1141, 44.5841, 34.7143 is a light color, and the websafe version is hex CC9999. A complement of this color would be 37.8391, 40.7843, 59.9111, and the grayscale version is 42.7158, 44.9404, 48.9401.

A 20% lighter version of the original color is 80.0388, 81.6104, 68.0338, and 20.6657, 20.7302, 14.4674 is the 20% darker color. If you saturate the color by 10%, you get 40.8081, 40.3009, 26.4323, and if you desaturate by 10%, it is 47.8364, 49.2647, 44.4754.

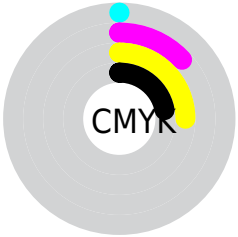
Distribution



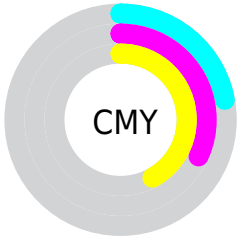
- Red (78%)
- Green (68%)
- Blue (58%)



- Red (78%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (22%)



- Cyan (22%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1141, 44.5841, 34.7143 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 44.1141, 44.5841, 34.7143 by changing the saturation by 10% instead.

44.1141, 44.5841, 34.7143

44.1141, 44.5841, 34.7143

354.0180, 365.0865, 338.1713

30.9585, 31.1300, 23.1611

80.6347, 82.0960, 68.1895

20.7189, 20.6978, 14.5061

104.7304, 106.9225, 90.9485

13.0300, 12.9033, 8.3307

133.2036, 136.3086, 118.2799

7.5263, 7.3620, 4.2165

166.4195, 170.6386, 150.6023

3.8426, 3.6895, 1.7449

204.7435, 210.2971, 188.3340

1.6135, 1.5014, 0.3912

248.5411,

0.4012, 0.2897,

255.6683, 231.8937

0.0000

298.1775, 307.1366, 281.7000

0.0000, 0.0000, 0.0000

44.1141, 44.5841, 34.7143

44.1141, 44.5841, 34.7143

40.8081, 40.3009, 26.4323

47.8364, 49.2647, 44.4754

37.8979, 36.3974, 19.5528

51.9871, 54.3476, 55.7814

35.3666, 32.8633, 13.9969

56.5824, 59.8456, 68.6972

33.1943, 29.6853, 9.6760

61.6364, 65.7686, 83.2835

31.3589, 26.8493, 6.4911

67.1625, 72.1264, 99.5976

29.8354, 24.3394, 4.3272

28.5936, 22.1377, 3.0445

28.0642, 21.1638, 2.6059

70.9397, 78.0350, 105.9311

73.8472, 83.8499, 106.9002

76.9162, 89.9879, 107.9232

77.3634, 90.8822, 108.0723

Harmonies

Analogous

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

46.6885, 44.5841, 38.4551

44.1141, 44.5841, 34.7143

41.1836, 44.5841, 34.4014

Triad

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

44.1141, 44.5841, 34.7143

37.0968, 44.5841, 52.0739

46.2904, 44.5841, 61.5071

Complementary

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

44.1141, 44.5841, 34.7143

37.8391, 40.7843, 59.9111

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.

43.5909, 44.5841, 66.1133

44.1141, 44.5841, 34.7143

38.3373, 44.5841, 60.2603

Square

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

44.1141, 44.5841, 34.7143

37.2223, 44.5841, 43.7966

40.6839, 44.5841, 65.6323

47.9843, 44.5841, 53.6237

Rectangle

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

44.1141, 44.5841, 34.7143

39.4297, 44.5841, 36.1237

40.6839, 44.5841, 65.6323

45.4653, 44.5841, 63.5288

Sweetspot

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

44.1153, 44.5861, 34.7152

88.7700, 92.4198, 91.4547

41.9411, 36.6936, 44.9170

18.7599, 19.4879, 18.9171

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.

44.1153, 44.5861, 34.7152

74.0761, 73.9943, 52.7613

49.4019, 55.1593, 36.4774

11.0647, 11.4986, 11.1990

18.1334, 13.7839, 1.7048

0.9311, 0.7975, 0.1049

Inverse Universe

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

37.8391, 40.7843, 59.9111

61.2720, 66.2382, 104.1636

33.4512, 32.0086, 58.4485

10.4874, 11.1489, 13.5167

9.6151, 8.6241, 35.9022

0.5277, 0.5532, 1.7241

Previews

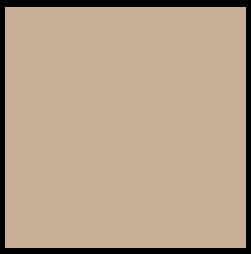
White Background

This preview shows how the XYZ color 44.1141, 44.5841, 34.7143 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



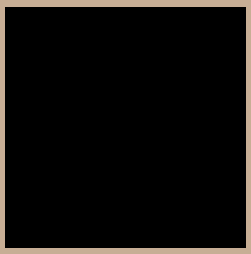
This preview shows how the XYZ color 44.1141, 44.5841, 34.7143 looks on a black background.

Color Contrast Check

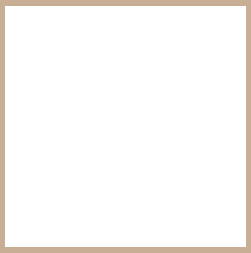
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 44.1141, 44.5841, 34.7143 Background



This preview shows how black text looks on a background with the XYZ color 44.1141, 44.5841, 34.7143.



This preview shows how white text looks on a background with the XYZ color 44.1141, 44.5841,

34.7143.

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

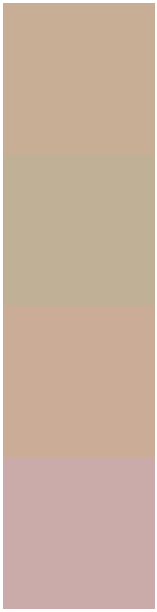
Original Color
44.1141, 44.5841, 34.7143

Protanopia
42.2453, 44.7665, 35.6924

Deuteranopia
45.5215, 44.4496, 35.0346

Tritanopia
47.2601, 44.4498, 50.3448

Trichromacy



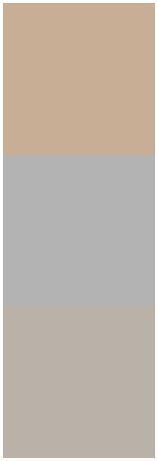
Original Color
44.1141, 44.5841, 34.7143

Protanomaly
42.9654, 44.8528, 35.2471

Deuteranomaly
44.8861, 44.4036, 35.0592

Tritanomaly
46.1757, 44.5847, 44.2022

Monochromacy



Original Color
44.1141, 44.5841, 34.7143

Achromatopsia
42.8472, 45.0786, 49.0906

Achromatomaly
43.0397, 44.7105, 43.4073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1141, 44.5841, 34.7143 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(199, 174, 149) looks like.

```
.text, #text, p{
    color:rgb(199, 174, 149)
}
```

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(199, 174, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 149) }
```

Border

The CSS property to change the border of an element to XYZ 44.1141, 44.5841, 34.7143 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(199, 174, 149) }
```

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

```
.border{ border-color:rgb(199, 174, 149) }
```

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

Here you see how a box with a 4 pixel rgb(199, 174, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 174, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 174, 149); box-shadow:4px 4px 4px 4px rgb(199, 174, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1141, 44.5841, 34.7143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(199, 174, 149) }
```

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

```
.background{ background-color:rgb(199,
174, 149) }
```

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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