

Converting Colors

XYZ(43.6871, 43.1064, 34.8087)

Have a look what the booklet for
XYZ(43.6871, 43.1064, 34.8087)
contains.

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Color

**XYZ(43.6992, 43.2308,
34.8953)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AA96
RGB	200, 170, 150
RGB Percent	78%, 67%, 59%
CMY	0.2157, 0.3333, 0.4118
CMYK	0.00, 0.15, 0.25, 0.22
HSL	24°, 31%, 69%
HSV	24°, 25%, 78%
XYZ	43.6992, 43.2308, 34.8953
YIQ	176.6900, 24.3000, 0.1400

Conversions

Conversions Part 2

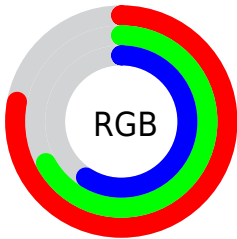
Format	Color
R_{YB}	200, 183, 150
Decimal	13150870
CIE _{Lab}	71.71, 7.84, 14.36
CIE _{LCh}	72, 16.360, 61.366
Yxy	43.2308, 0.3587, 0.3549
Android (android.graphics.Color)	4291340950 (0xFFC8AA96)
YUV	176.6900, -13.1582, 20.4429
Hunter-Lab	65.7501, 3.5729, 14.5584

Details

The XYZ color **43.6992, 43.2308, 34.8953** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3240, 43.2956, 60.9283**, and the grayscale version is **41.6862, 43.8571, 47.7604**.

A 20% lighter version of the original color is **79.0643, 79.4701, 68.2989**, and **20.4076, 19.8775, 14.5655** is the 20% darker color. If you saturate the color by 10%, you get **40.0769, 38.3471, 26.4090**, and if you desaturate by 10%, it is **47.8040, 48.6391, 44.8996**.

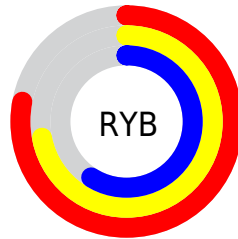
Distribution



Red (78%)

Green (67%)

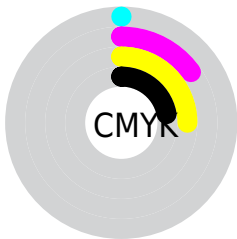
Blue (59%)



Red (78%)

Yellow (72%)

Blue (59%)

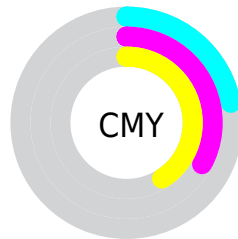


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6992, 43.2308, 34.8953 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 43.6992, 43.2308, 34.8953 by changing the saturation by 10% instead.


 43.6992, 43.2308,
34.8953


 43.6992, 43.2308,
34.8953


352.3524,
359.5601, 338.9962

 30.6310, 30.0662,
23.2993


 80.0141, 80.0590,
68.4733

 20.4685, 19.8889,
14.6073


 103.9915,
104.4915, 91.2923

 12.8463, 12.3143,
8.4007


132.3359,
133.4487, 118.6895

 7.3990, 6.9581,
4.2610

165.4129,
167.3151, 151.0834

 3.7614, 3.4359,
1.7696

203.5876,
206.4750, 188.8924

 1.5681, 1.3633,
0.4078

247.2256,

 0.3715, 0.1895,

251.3129, 232.5352

0.0000

296.6920,
302.2131, 282.4303

■ 0.0000, 0.0000,
0.0000

■ 43.6992, 43.2308,
34.8953

■ 43.6992, 43.2308,
34.8953

■ 40.0769, 38.3471,
26.4090

■ 47.8040, 48.6391,
44.8996

■ 36.9142, 33.9655,
19.3626

■ 52.4062, 54.5816,
56.4892

■ 34.1915, 30.0704,
13.6752

■ 57.5240, 61.0754,
69.7306

■ 31.8860, 26.6434,
9.2566

■ 63.1738, 68.1349,
84.6858

■ 29.9726, 23.6643,
6.0057

■ 69.3712, 75.7738,
101.4133

■ 28.4229, 21.1112,
3.8052

■ 73.6205, 83.0012,
106.7484

■ 27.2034, 18.9594,
2.5129

■ 77.3096, 90.3794,
107.9781

■ 26.6894, 18.0191,
2.0713

■ 77.6296, 91.0194,
108.0847

Harmonies

Analogous

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



45.8147, 43.2308, 39.5586



43.6992, 43.2308, 34.8953



40.9625, 43.2308, 33.3906

Triad

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



43.6992, 43.2308, 34.8953



35.9842, 43.2308, 47.4361



43.9291, 43.2308, 61.3574

Complementary

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



43.6992, 43.2308, 34.8953



39.3240, 43.2956, 60.9283

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.



41.2169, 43.2308, 64.0549



43.6992, 43.2308, 34.8953



36.7011, 43.2308, 55.4789

Square

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



43.6992, 43.2308, 34.8953



36.5833, 43.2308, 40.1231



38.5860, 43.2308, 61.7930



45.9515, 43.2308, 54.7780

Rectangle

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



43.6992, 43.2308, 34.8953



39.1766, 43.2308, 34.2292



38.5860, 43.2308, 61.7930



43.0638, 43.2308, 62.7795

Sweetspot

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



43.7003, 43.2328, 34.8962



88.9864, 92.2601, 93.3536



42.9644, 37.3879, 48.1326



18.9394, 19.6094, 19.7090



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.



43.7003, 43.2328, 34.8962



72.1527, 70.1474, 52.1201



48.8400, 53.5120, 36.6094



10.9763, 11.3217, 11.1696



17.0524, 11.6219, 1.3445



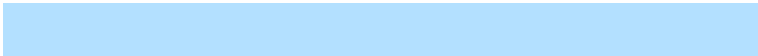
0.8780, 0.6914, 0.0872

Inverse Universe

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



39.3240, 43.2956, 60.9283



63.2867, 70.2676, 104.8352



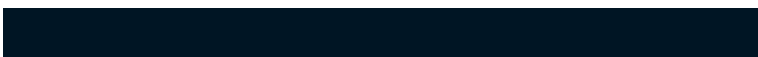
34.7249, 34.0974, 59.3952



10.5770, 11.3280, 13.5465



10.9878, 11.3696, 36.3598



0.5898, 0.6773, 1.7448

Previews

White Background



This preview shows how the XYZ color 43.6992, 43.2308, 34.8953 looks on a white background.

Color Contrast Check

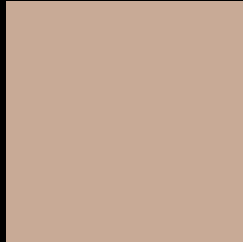
Large Text (above 18pt) WCAG AA × Fail

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 43.6992, 43.2308, 34.8953 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

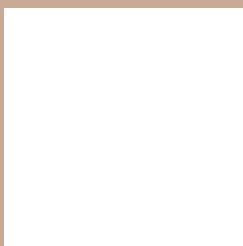
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6992, 43.2308, 34.8953

Background



This preview shows how black text looks on a background with the XYZ color 43.6992, 43.2308, 34.8953.



This preview shows how white text looks on a background with the XYZ color 43.6992, 43.2308,

34.8953.

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

43.6992, 43.2308, 34.8953

Protanopia

40.8469, 43.1502, 36.3129

Deuteranopia

44.0501, 43.1345, 34.8583



Tritanopia

46.4015, 43.2236, 48.5452

Trichromacy



Original Color

43.6992, 43.2308, 34.8953

Protanomaly

41.8463, 43.1013, 35.8196

Deuteranomaly

43.7804, 42.9954, 34.8456

Tritanomaly

45.2437, 43.0211, 42.9651

Monochromacy



Original Color

43.6992, 43.2308, 34.8953

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1187, 43.3764, 42.7118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6992, 43.2308, 34.8953 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(200, 170, 150)` looks like.

```
.text, #text, p{  
    color:rgb(200, 170, 150)  
}
```

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(200, 170, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 170, 150) }
```

Border

The CSS property to change the border of an element to XYZ 43.6992, 43.2308, 34.8953 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(200, 170, 150) }
```


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

```
.border{ border-color:rgb(200, 170, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 170, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 170, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 170, 150);  
box-shadow:4px 4px 4px 4px rgb(200, 170,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6992, 43.2308, 34.8953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 170, 150) }
```

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

```
.background{ background-color: rgb(200,  
170, 150) }
```

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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