

Converting Colors

XYZ(47.7060, 47.7664, 45.3346)

Have a look what the booklet for
XYZ(47.7060, 47.7664, 45.3346)
contains.

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Color

**XYZ(47.5582, 47.5980,
45.2088)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B3AB
RGB	201, 179, 171
RGB Percent	79%, 70%, 67%
CMY	0.2118, 0.2980, 0.3294
CMYK	0.00, 0.11, 0.15, 0.21
HSL	16°, 22%, 73%
HSV	16°, 15%, 79%
XYZ	47.5582, 47.5980, 45.2088
YIQ	184.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

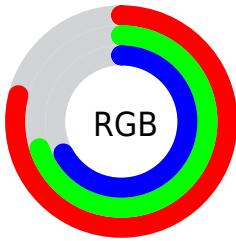
Format	Color
R_{YB}	201, 182, 171
Decimal	13218731
CIE _{Lab}	74.57, 6.56, 6.95
CIE _{LCh}	75, 9.555, 46.675
Yxy	47.5980, 0.3388, 0.3391
Android (android.graphics.Color)	4291408811 (0xFFC9B3AB)
YUV	184.6660, -6.7373, 14.3249
Hunter-Lab	68.9913, 2.3117, 9.4422

Details

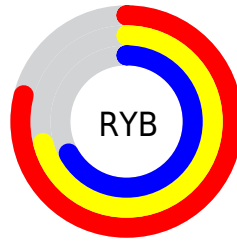
The XYZ color **47.5582, 47.5980, 45.2088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4069, 51.0138, 62.6596**, and the grayscale version is **45.9598, 48.3533, 52.6567**.

A 20% lighter version of the original color is **84.6758, 86.1676, 84.1206**, and **22.8232, 22.4567, 20.5844** is the 20% darker color. If you saturate the color by 10%, you get **42.9889, 41.2955, 34.9412**, and if you desaturate by 10%, it is **52.7373, 54.6527, 57.1182**.

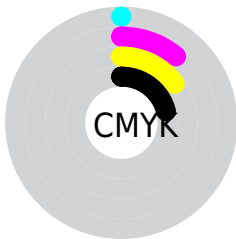
Distribution



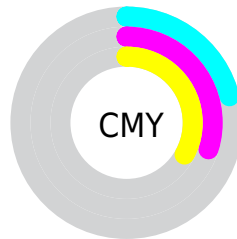
- Red (79%)
- Green (70%)
- Blue (67%)



- Red (79%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (21%)





- Cyan (21%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5582, 47.5980, 45.2088 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 47.5582, 47.5980, 45.2088 by changing the saturation by 10% instead.


 47.5582, 47.5980,
45.2088

 47.5582, 47.5980,
45.2088


367.6501,
377.1965, 383.8033

 33.6869, 33.5086,
31.2778


 85.7599, 86.6056,
84.3554

 22.8150, 22.5164,
20.5502


110.8211,
112.2926, 110.4081

 14.5769, 14.2368,
12.6076


140.3430,
142.6142, 141.3384

 8.6073, 8.2856,
7.0314

174.6909,
177.9550, 177.5649

 4.5410, 4.2782,
3.4030

214.2302,
218.6992, 219.5061

 2.0125, 1.8304,
1.3039

259.3263,

 0.6410, 0.5060,

265.2312, 267.5805

0.0650

310.3444,
317.9355, 322.2067

■ 0.0000, 0.0000,
0.0000

■ 47.5582, 47.5980,
45.2088

■ 47.5582, 47.5980,
45.2088

■ 42.9889, 41.2955,
34.9412

■ 52.7373, 54.6527,
57.1182

■ 39.0024, 35.7139,
26.2400

■ 58.5438, 62.4770,
70.7342

■ 35.5754, 30.8288,
19.0283

■ 64.9999, 71.0958,
86.1218

■ 32.6818, 26.6122,
13.2217

■ 72.1250, 80.5309,
103.3417

■ 30.2929, 23.0341,
8.7270

■ 77.1659, 89.6942,
107.8534

■ 28.3773, 20.0619,
5.4398

■ 77.8976, 91.1576,
108.0973

■ 26.8994, 17.6601,
3.2395

■ 25.8178, 15.7887,
1.9797

■ 25.3894, 15.0212,
1.5612

Harmonies

Analogous

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



48.4978, 47.5980, 49.1440



47.5582, 47.5980, 45.2088



46.0104, 47.5980, 43.1090

Triad

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



47.5582, 47.5980, 45.2088



42.0844, 47.5980, 49.6643



46.2004, 47.5980, 61.4842

Complementary

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



47.5582, 47.5980, 45.2088



46.4069, 51.0138, 62.6596

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.



44.4792, 47.5980, 61.6457



47.5582, 47.5980, 45.2088



42.1323, 47.5980, 54.6042

Square

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



47.5582, 47.5980, 45.2088



42.8667, 47.5980, 45.5688



42.9993, 47.5980, 59.0596



47.7003, 47.5980, 58.6316

Rectangle

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



47.5582, 47.5980, 45.2088



44.8554, 47.5980, 42.9397



42.9993, 47.5980, 59.0596



45.6277, 47.5980, 61.8610

Sweetspot

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



47.5595, 47.6001, 45.2098



91.1113, 94.6812, 99.6994



48.2765, 45.3942, 56.6701



19.3473, 20.0568, 20.9810



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.



47.5595, 47.6001, 45.2098



78.7089, 77.7641, 71.2481



50.7304, 53.9419, 46.2668



10.8602, 11.0896, 11.1309



16.0289, 9.5750, 1.0033



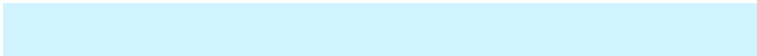
0.8205, 0.5765, 0.0680

Inverse Universe

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



46.4069, 51.0138, 62.6596



76.3499, 84.7441, 106.9409



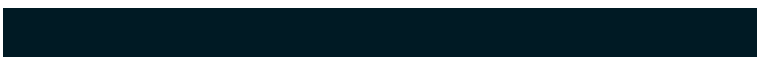
43.2582, 44.7164, 61.6100



10.6981, 11.5703, 13.5869



13.3044, 16.0027, 37.1320



0.6872, 0.8721, 1.7773

Previews

White Background



This preview shows how the XYZ color 47.5582, 47.5980, 45.2088 looks on a white background.

Color Contrast Check

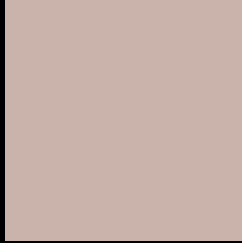
Large Text (above 18pt) WCAG AA × Fail

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 47.5582, 47.5980, 45.2088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

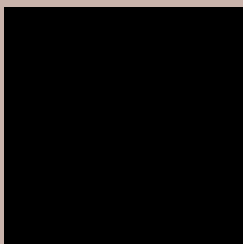
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

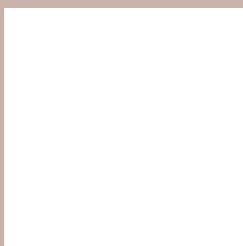
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5582, 47.5980, 45.2088

Background



This preview shows how black text looks on a background with the XYZ color 47.5582, 47.5980, 45.2088.



This preview shows how white text looks on a background with the XYZ color 47.5582, 47.5980,

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

47.5582, 47.5980, 45.2088

Protanopia

45.4626, 47.7029, 46.3466

Deuteranopia

48.5264, 47.5064, 45.1401



Tritanopia

49.4482, 47.4649, 55.2706

Trichromacy



Original Color

47.5582, 47.5980, 45.2088

Protanomaly

46.1667, 47.7719, 45.8174

Deuteranomaly

48.1729, 47.6184, 45.1804

Tritanomaly

48.6265, 47.4197, 51.3898

Monochromacy



Original Color

47.5582, 47.5980, 45.2088

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.6576, 48.2386, 50.0319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5582, 47.5980, 45.2088 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(201, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(201, 179, 171)  
}
```

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(201, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 179, 171) }
```

Border

The CSS property to change the border of an element to XYZ 47.5582, 47.5980, 45.2088 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(201, 179, 171) }
```


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

```
.border{ border-color:rgb(201, 179, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(201, 179,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5582, 47.5980, 45.2088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 179, 171) }
```

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

```
.background{ background-color: rgb(201,  
179, 171) }
```

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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