

Converting Colors

XYZ(52.3292, 47.9323, 68.0013)

Have a look what the booklet for
XYZ(52.3292, 47.9323, 68.0013)
contains.

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Color

**XYZ(52.1550, 47.7121,
68.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	CEADD3
RGB	206, 173, 211
RGB Percent	81%, 68%, 83%
CMY	0.1922, 0.3216, 0.1725
CMYK	0.02, 0.18, 0.00, 0.17
HSL	292°, 30%, 75%
HSV	292°, 18%, 83%
XYZ	52.1550, 47.7121, 68.0885
YIQ	187.1990, 7.4700, 18.8140

Conversions

Conversions Part 2

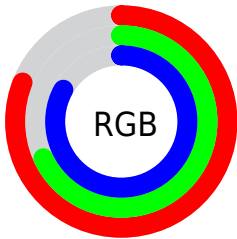
Format	Color
R _{YB}	206, 173, 211
Decimal	13544915
CIE Lab	74.64, 18.64, -14.75
CIE LCh	75, 23.770, 321.654
Yxy	47.7121, 0.3105, 0.2841
Android (android.graphics.Color)	4291734995 (0xFFCEADD3)
YUV	187.1990, 11.7339, 16.4885
Hunter-Lab	69.0739, 13.8989, -10.0924

Details

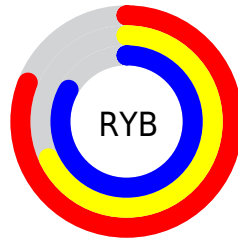
The XYZ color **52.1550, 47.7121, 68.0885** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1990, 59.0719, 48.3465**, and the grayscale version is **47.2805, 49.7427, 54.1698**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **25.4797, 22.4126, 34.4356** is the 20% darker color. If you saturate the color by 10%, you get **47.6606, 39.8568, 66.8099**, and if you desaturate by 10%, it is **57.3048, 56.8564, 69.5828**.

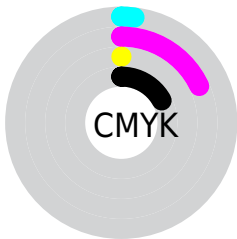
Distribution



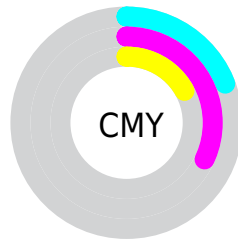
- Red (81%)
- Green (68%)
- Blue (83%)



- Red (81%)
- Yellow (68%)
- Blue (83%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)





- Cyan (19%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1550, 47.7121, 68.0885 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 52.1550, 47.7121, 68.0885 by changing the saturation by 10% instead.

 52.1550, 47.7121,
68.0885

 52.1550, 47.7121,
68.0885


385.3488,
377.6498, 472.4161

 37.3534, 33.5990,
49.5026


 92.5327, 86.7756,
118.1342

 25.6562, 22.5857,
34.6499

118.8394,
112.4947, 150.4310

 16.6979, 14.2879,
23.1119


149.7120,
142.8513, 188.1352

 10.1133, 8.3212,
14.4701

185.5157,
178.2297, 231.6654

 5.5370, 4.3011,
8.3059

226.6159,
219.0144, 281.4400

 2.6036, 1.8434,
4.2007

273.3779,

 0.9478, 0.5140,

265.5897, 337.8776

1.7361

326.1671,
318.3401, 401.3968

■ 0.0000, 0.0000,
0.3853

■ 0.0000, 0.0000,
0.0000

■ 52.1550, 47.7121,
68.0885

■ 52.1550, 47.7121,
68.0885

■ 47.6606, 39.8568,
66.8099

■ 57.3048, 56.8564,
69.5828

■ 43.7874, 33.2245,
65.7338

■ 63.1337, 67.3394,
71.2990

■ 40.5044, 27.7526,
64.8507

■ 69.6696, 79.2159,
73.2469

■ 37.7762, 23.3704,
64.1486

■ 76.1652, 90.9913,
75.1775

■ 35.5636, 19.9997,
63.6146

■ 76.9980, 91.4207,
75.2165

■ 33.8222, 17.5516,
63.2339

■ 77.8448, 91.8572,
75.2561

■ 32.4997, 15.9217,
62.9890

■ 78.7056, 92.3010,
75.2964

■ 31.5204, 14.9588,
62.8548

■ 79.5806, 92.7521,
75.3373

■ 31.3427, 14.7995,
62.8334

■ 80.4696, 93.2104,
75.3789

Harmonies

Analogous

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



48.4722, 47.7121, 77.2435



52.1550, 47.7121, 68.0885



54.0411, 47.7121, 55.4678

Triad

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



52.1550, 47.7121, 68.0885



46.5610, 47.7121, 31.8492



38.0828, 47.7121, 61.1973

Complementary

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



52.1550, 47.7121, 68.0885



49.1990, 59.0719, 48.3465

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.



37.6427, 47.7121, 48.5849



52.1550, 47.7121, 68.0885



42.3628, 47.7121, 32.8863

Square

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



52.1550, 47.7121, 68.0885



50.6803, 47.7121, 35.4889



39.1623, 47.7121, 38.5878



40.4052, 47.7121, 72.8471

Rectangle

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



52.1550, 47.7121, 68.0885



53.9479, 47.7121, 47.3078



39.1623, 47.7121, 38.5878



37.7160, 47.7121, 56.8872

Sweetspot

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



52.1564, 47.7142, 68.0895



90.5020, 91.8164, 107.5601



44.9271, 45.4570, 68.0349



19.2390, 19.4155, 22.9835



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.



52.1564, 47.7142, 68.0895



77.0265, 67.9076, 103.6555



51.8947, 47.7724, 59.3507



12.1514, 11.9269, 14.9053



18.9773, 8.9635, 37.9224



1.1046, 0.5236, 2.1224

Inverse Universe

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



49.8451, 46.9525, 48.5575



72.8153, 66.5308, 67.5762



49.4920, 59.0590, 55.7692



11.8712, 11.8332, 12.5974



16.3586, 8.4163, 1.5288



0.9359, 0.4791, 0.1973

Previews

White Background



This preview shows how the XYZ color 52.1550, 47.7121, 68.0885 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 52.1550, 47.7121, 68.0885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

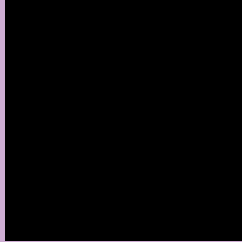
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1550, 47.7121, 68.0885

Background



This preview shows how black text looks on a background with the XYZ color 52.1550, 47.7121, 68.0885.



This preview shows how white text looks on a background with the XYZ color 52.1550, 47.7121,

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

52.1550, 47.7121, 68.0885

Protanopia

47.3838, 47.8128, 72.3770

Deuteranopia

48.7392, 47.7122, 67.6133



Tritanopia

49.6450, 47.8585, 55.3362

Trichromacy



Original Color

52.1550, 47.7121, 68.0885

Protanomaly

49.1249, 47.8379, 70.9344

Deuteranomaly

49.8607, 47.6995, 67.5518

Tritanomaly

50.6202, 47.9653, 60.0163

Monochromacy



Original Color

52.1550, 47.7121, 68.0885

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.9399, 48.9108, 59.0859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1550, 47.7121, 68.0885 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(206, 173, 211)` looks like.

```
.text, #text, p{  
    color:rgb(206, 173, 211)  
}
```

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(206, 173, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 173, 211) }
```

Border

The CSS property to change the border of an element to XYZ 52.1550, 47.7121, 68.0885 is called "border". The border property can be set on classes, ids or directly on the HTML element.

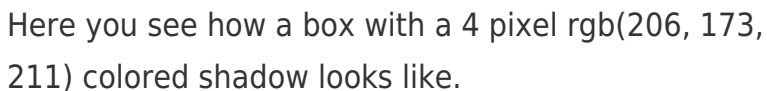
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 173, 211) }
```


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

```
.border{ border-color:rgb(206, 173, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 173, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 173, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 173, 211);  
box-shadow:4px 4px 4px 4px rgb(206, 173,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1550, 47.7121, 68.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 173, 211) }
```

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

```
.background{ background-color: rgb(206,  
173, 211) }
```

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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