

Converting Colors

XYZ(51.1337, 47.2863, 50.8847)

Have a look what the booklet for
XYZ(51.1337, 47.2863, 50.8847)
contains.

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Color

**XYZ(51.2204, 47.3295,
50.6919)**

Conversions

Conversions Part 1

Format	Color
Hex	D7ACB6
RGB	215, 172, 182
RGB Percent	84%, 67%, 71%
CMY	0.1569, 0.3255, 0.2863
CMYK	0.00, 0.20, 0.15, 0.16
HSL	346°, 35%, 76%
HSV	346°, 20%, 84%
XYZ	51.2204, 47.3295, 50.6919
YIQ	185.9970, 22.4180, 12.2260

Conversions

Conversions Part 2

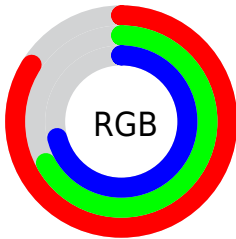
Format	Color
R _Y B	215, 172, 182
Decimal	14134454
CIE Lab	74.40, 17.23, 0.85
CIE LCh	74, 17.251, 2.836
Yxy	47.3295, 0.3432, 0.3171
Android (android.graphics.Color)	4292324534 (0xFFD7ACB6)
YUV	185.9970, -1.9705, 25.4356
Hunter-Lab	68.7964, 12.5032, 4.4703

Details

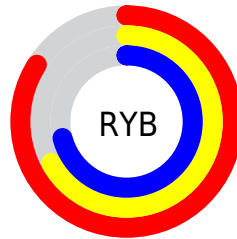
The XYZ color **51.2204, 47.3295, 50.6919** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.3351, 61.7806, 66.9271**, and the grayscale version is **46.6734, 49.1041, 53.4744**.

A 20% lighter version of the original color is **84.4160, 82.9199, 92.4448**, and **25.1761, 22.4915, 23.7832** is the 20% darker color. If you saturate the color by 10%, you get **45.8488, 39.1563, 40.9777**, and if you desaturate by 10%, it is **57.4576, 56.9113, 61.6873**.

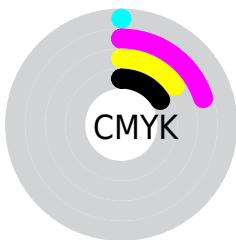
Distribution



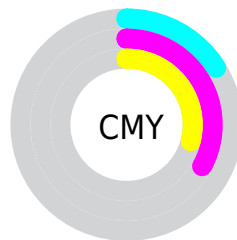
- Red (84%)
- Green (67%)
- Blue (71%)



- Red (84%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (16%)





- Cyan (16%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2204, 47.3295, 50.6919 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 51.2204, 47.3295, 50.6919 by changing the saturation by 10% instead.


 51.2204, 47.3295,
50.6919

 51.2204, 47.3295,
50.6919

381.7930,
376.1282, 406.1779

 36.6058, 33.2962,
35.5884


 91.1615, 86.2053,
92.6060

 25.0747, 22.3535,
23.8293


117.2188,
111.8165, 120.2538

 16.2617, 14.1168,
14.9960


147.8209,
142.0559, 152.9200

 9.8016, 8.2020,
8.6700

183.3334,
177.3078, 191.0233

 5.3289, 4.2245,
4.4327

224.1215,
217.9565, 234.9822

 2.4782, 1.7999,
1.8656

270.5505,

 0.8843, 0.4871,

264.3866, 285.2153

0.4707

322.9859,
316.9824, 342.1410

■ 0.0000, 0.0000,
0.0000

■ 51.2204, 47.3295,
50.6919

■ 51.2204, 47.3295,
50.6919

■ 45.8488, 39.1563,
40.9777

■ 57.4576, 56.9113,
61.6873

■ 41.3002, 32.3189,
32.4945

■ 64.5927, 67.9573,
74.0055

■ 37.5340, 26.7477,
25.1930

■ 72.6611, 80.5277,
87.6901

■ 34.5049, 22.3644,
19.0197

■ 80.7290, 92.7450,
102.4595

■ 32.1624, 19.0815,
13.9165

■ 81.8346, 93.1872,
108.2815

■ 30.4497, 16.7997,
9.8198

■ 29.3000, 15.4014,
6.6589

■ 28.6002, 14.6775,
4.3420

■ 28.6000, 14.6774,
4.3417

Harmonies

Analogous

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



50.5131, 47.3295, 59.7471



51.2204, 47.3295, 50.6919



50.1944, 47.3295, 42.8013

Triad

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



51.2204, 47.3295, 50.6919



41.8228, 47.3295, 38.4521



42.3123, 47.3295, 68.3058

Complementary

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



51.2204, 47.3295, 50.6919



52.3351, 61.7806, 66.9271

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.



40.1496, 47.3295, 61.3799



51.2204, 47.3295, 50.6919



39.8762, 47.3295, 44.1099

Square

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



51.2204, 47.3295, 50.6919



44.6903, 47.3295, 36.2632



39.2779, 47.3295, 52.3849



45.2815, 47.3295, 70.5827

Rectangle

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



51.2204, 47.3295, 50.6919



48.6920, 47.3295, 39.0652



39.2779, 47.3295, 52.3849



41.4716, 47.3295, 66.4078

Sweetspot

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



51.2217, 47.3316, 50.6929



88.5284, 89.8903, 97.6824



52.1875, 47.3880, 70.6868



18.8032, 19.0151, 20.6561



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.



51.2217, 47.3316, 50.6929



71.8760, 64.3101, 68.3177



52.5022, 51.4874, 46.2032



12.5404, 12.4676, 13.5199



17.1402, 8.7924, 2.7764



1.0662, 0.5433, 0.3381

Inverse Universe

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



51.2217, 47.3316, 50.6929



71.8760, 64.3101, 68.3177



50.7628, 56.6428, 72.5483



12.5404, 12.4676, 13.5199



17.1402, 8.7924, 2.7764



1.0662, 0.5433, 0.3381

Previews

White Background



This preview shows how the XYZ color 51.2204, 47.3295, 50.6919 looks on a white background.

Color Contrast Check

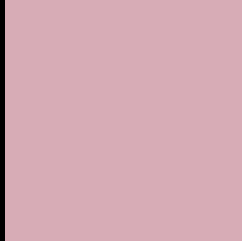
Large Text (above 18pt) WCAG AA × Fail

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 51.2204, 47.3295, 50.6919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

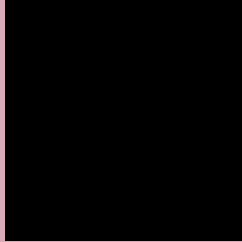
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2204, 47.3295, 50.6919

Background



This preview shows how black text looks on a background with the XYZ color 51.2204, 47.3295, 50.6919.



This preview shows how white text looks on a background with the XYZ color 51.2204, 47.3295,

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

51.2204, 47.3295, 50.6919

Protanopia

45.8126, 47.4010, 54.3117

Deuteranopia

48.4198, 47.3370, 50.3010



Tritanopia

51.5338, 47.4549, 52.3425

Trichromacy



Original Color

51.2204, 47.3295, 50.6919

Protanomaly

47.5483, 47.1217, 53.0437

Deuteranomaly

49.4026, 47.2615, 50.2347

Tritanomaly

51.4286, 47.4128, 51.7884

Monochromacy



Original Color

51.2204, 47.3295, 50.6919

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.3068, 48.4208, 52.6991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2204, 47.3295, 50.6919 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(215, 172, 182)` looks like.

```
.text, #text, p{  
    color:rgb(215, 172, 182)  
}
```

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(215, 172, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 172, 182) }
```

Border

The CSS property to change the border of an element to XYZ 51.2204, 47.3295, 50.6919 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(215, 172, 182) }
```


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

```
.border{ border-color:rgb(215, 172, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 172, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 172, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 172, 182);  
box-shadow:4px 4px 4px 4px rgb(215, 172,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2204, 47.3295, 50.6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 172, 182) }
```

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

```
.background{ background-color: rgb(215,  
172, 182) }
```

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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