

Converting Colors

XYZ(53.2706, 47.7524, 53.9864)

Have a look what the booklet for
XYZ(53.2706, 47.7524, 53.9864)
contains.

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Color

**XYZ(53.2706, 47.7524,
53.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAABC
RGB	221, 170, 188
RGB Percent	87%, 67%, 74%
CMY	0.1333, 0.3333, 0.2627
CMYK	0.00, 0.23, 0.15, 0.13
HSL	339°, 43%, 77%
HSV	339°, 23%, 87%
XYZ	53.2706, 47.7524, 53.9864
YIQ	187.3010, 24.6180, 16.4100

Conversions

Conversions Part 2

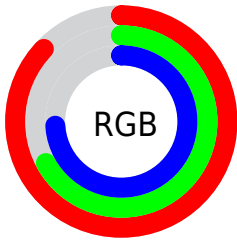
Format	Color
R _Y B	221, 170, 188
Decimal	14527164
CIE Lab	74.67, 21.43, -1.97
CIE LCh	75, 21.521, 354.744
Yxy	47.7524, 0.3437, 0.3081
Android (android.graphics.Color)	4292717244 (0xFFDDAABC)
YUV	187.3010, 0.3446, 29.5540
Hunter-Lab	69.1031, 16.6727, 2.0522

Details

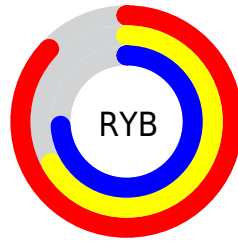
The XYZ color **53.2706, 47.7524, 53.9864** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2154, 64.5720, 66.1619**, and the grayscale version is **47.3935, 49.8616, 54.2993**.

A 20% lighter version of the original color is **84.7655, 82.1844, 96.9835**, and **26.2515, 22.4712, 25.8754** is the 20% darker color. If you saturate the color by 10%, you get **48.0048, 39.5666, 44.9982**, and if you desaturate by 10%, it is **59.3883, 57.3964, 64.0134**.

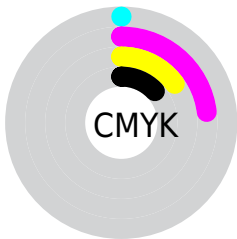
Distribution



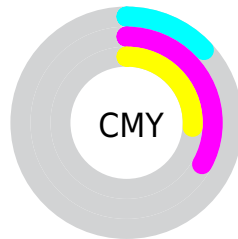
- Red (87%)
- Green (67%)
- Blue (74%)



- Red (87%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (23%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2706, 47.7524, 53.9864 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 53.2706, 47.7524, 53.9864 by changing the saturation by 10% instead.


 53.2706, 47.7524,
53.9864

 53.2706, 47.7524,
53.9864


389.5663,
377.8099, 419.2313

 38.2472, 33.6308,
38.1977


 94.1656, 86.8356,
97.5105

 26.3527, 22.6102,
25.8331


120.7679,
112.5661, 126.0829

 17.2217, 14.3059,
16.4742


151.9606,
142.9350, 159.7537

 10.4890, 8.3337,
9.7024

188.1089,
178.3268, 198.9413

 5.7891, 4.3092,
5.0990

229.5783,
219.1257, 244.0644

 2.7567, 1.8480,
2.2457

276.7341,

 1.0264, 0.5168,

265.7163, 295.5413

0.7006

329.9417,
318.4829, 353.7908

■ 0.0000, 0.0000,
0.0000

■ 53.2706, 47.7524,
53.9864

■ 53.2706, 47.7524,
53.9864

■ 48.0048, 39.5666,
44.9982

■ 59.3883, 57.3964,
64.0134

■ 43.5477, 32.7612,
37.0110

■ 66.3905, 68.5586,
75.1095

■ 39.8581, 27.2610,
29.9887

■ 74.3128, 81.3033,
87.3071

■ 36.8896, 22.9806,
23.8919

■ 82.0919, 93.4974,
100.2710

■ 34.5904, 19.8249,
18.6779

■ 83.6290, 94.1123,
108.3655

■ 32.9012, 17.6839,
14.3002

■ 31.7512, 16.4254,
10.7063

■ 31.1938, 15.9222,
8.6349

Harmonies

Analogous

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



51.7894, 47.7524, 65.4007



53.2706, 47.7524, 53.9864



52.5431, 47.7524, 43.5142

Triad

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



53.2706, 47.7524, 53.9864



42.3206, 47.7524, 34.8288



41.1952, 47.7524, 71.5743

Complementary

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



53.2706, 47.7524, 53.9864



53.2154, 64.5720, 66.1619

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.



38.9125, 47.7524, 61.5101



53.2706, 47.7524, 53.9864



39.5357, 47.7524, 40.5578

Square

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



53.2706, 47.7524, 53.9864



46.0776, 47.7524, 33.4083



38.3227, 47.7524, 50.0517



44.7038, 47.7524, 76.4430

Rectangle

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



53.2706, 47.7524, 53.9864



50.9238, 47.7524, 38.2957



38.3227, 47.7524, 50.0517



40.2673, 47.7524, 68.6226

Sweetspot

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



53.2720, 47.7546, 53.9874



87.8132, 88.4135, 97.5873



51.8660, 46.5707, 74.6626



18.6684, 18.7211, 20.6865



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.



53.2720, 47.7546, 53.9874



69.7809, 59.9684, 68.0868



52.7588, 49.6419, 44.8339



13.2449, 13.1270, 14.5507



18.1696, 9.2689, 5.2734



1.2172, 0.6165, 0.5528

Inverse Universe

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



53.2720, 47.7546, 53.9874



69.7809, 59.9684, 68.0868



53.7275, 61.9623, 77.5353



13.2449, 13.1270, 14.5507



18.1696, 9.2689, 5.2734



1.2172, 0.6165, 0.5528

Previews

White Background



This preview shows how the XYZ color 53.2706, 47.7524, 53.9864 looks on a white background.

Color Contrast Check

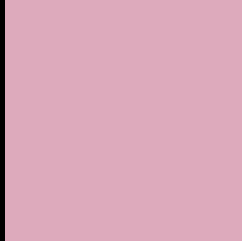
Large Text (above 18pt) WCAG AA × Fail

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 53.2706, 47.7524, 53.9864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

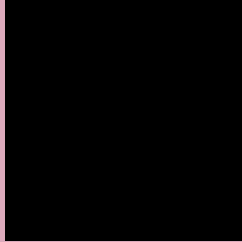
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2706, 47.7524, 53.9864

Background



This preview shows how black text looks on a background with the XYZ color 53.2706, 47.7524, 53.9864.



This preview shows how white text looks on a background with the XYZ color 53.2706, 47.7524,

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

53.2706, 47.7524, 53.9864

Protanopia

46.6645, 48.0428, 59.0383

Deuteranopia

48.8707, 47.8035, 53.1056



Tritanopia

52.7298, 47.8022, 51.7950

Trichromacy



Original Color

53.2706, 47.7524, 53.9864

Protanomaly

48.5720, 47.5614, 57.0723

Deuteranomaly

50.3120, 47.6577, 53.5608

Tritanomaly

52.8351, 47.8442, 52.3491

Monochromacy



Original Color

53.2706, 47.7524, 53.9864

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.0467, 48.7777, 53.8437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2706, 47.7524, 53.9864 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(221, 170, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 170, 188)  
}
```

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(221, 170, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 170, 188) }
```

Border

The CSS property to change the border of an element to XYZ 53.2706, 47.7524, 53.9864 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(221, 170, 188) }
```


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

```
.border{ border-color:rgb(221, 170, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 170, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 170, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 170, 188);  
box-shadow:4px 4px 4px 4px rgb(221, 170,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2706, 47.7524, 53.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 170, 188) }
```

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

```
.background{ background-color: rgb(221,  
170, 188) }
```

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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