

Converting Colors

XYZ(51.7221, 48.5313, 53.8148)

Have a look what the booklet for
XYZ(51.7221, 48.5313, 53.8148)
contains.

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Color

**XYZ(51.6464, 48.6356,
53.6793)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B0BB
RGB	212, 176, 187
RGB Percent	83%, 69%, 73%
CMY	0.1686, 0.3098, 0.2667
CMYK	0.00, 0.17, 0.12, 0.17
HSL	342°, 30%, 76%
HSV	342°, 17%, 83%
XYZ	51.6464, 48.6356, 53.6793
YIQ	188.0180, 17.9250, 11.0530

Conversions

Conversions Part 2

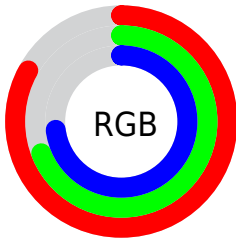
Format	Color
R_{YB}	212, 176, 187
Decimal	13938875
CIE _{Lab}	75.22, 14.80, -0.71
CIE _{LCh}	75, 14.820, 357.243
Yxy	48.6356, 0.3355, 0.3159
Android (android.graphics.Color)	4292128955 (0xFFD4B0BB)
YUV	188.0180, -0.5019, 21.0322
Hunter-Lab	69.7392, 10.1471, 3.1811

Details

The XYZ color **51.6464, 48.6356, 53.6793** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9926, 60.5354, 64.2055**, and the grayscale version is **47.8070, 50.2967, 54.7731**.

A 20% lighter version of the original color is **86.2743, 85.4443, 96.7393**, and **25.2907, 23.0552, 25.6714** is the 20% darker color. If you saturate the color by 10%, you get **46.3137, 40.3643, 44.5197**, and if you desaturate by 10%, it is **57.7927, 58.2742, 63.9086**.

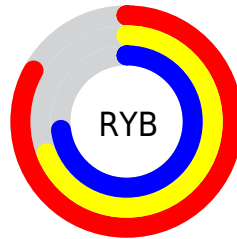
Distribution



Red (83%)

Green (69%)

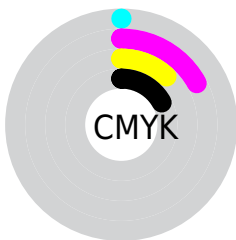
Blue (73%)



Red (83%)

Yellow (69%)

Blue (73%)

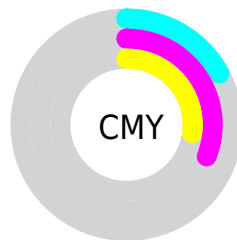


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (17%)



Cyan (17%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6464, 48.6356, 53.6793 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 51.6464, 48.6356, 53.6793 by changing the saturation by 10% instead.


 51.6464, 48.6356,
53.6793

 51.6464, 48.6356,
53.6793


383.4164,
381.3060, 418.0259

 36.9464, 34.3305,
37.9539


 91.7869, 88.1500,
97.0549

 25.3395, 23.1476,
25.6454

117.9581,
114.1281, 125.5421

 16.4603, 14.7025,
16.3351


148.6837,
144.7660, 159.1203

 9.9433, 8.6109,
9.6047

184.3292,
180.4480, 198.2082

 5.4234, 4.4883,
5.0355

225.2599,
221.5587, 243.2241

 2.5350, 1.9503,
2.2090

271.8411,

 0.9130, 0.5783,

268.4823, 294.5867

0.6796

324.4381,
321.6033, 352.7144

■ 0.0000, 0.0000,
0.0000

■ 51.6464, 48.6356,
53.6793

■ 51.6464, 48.6356,
53.6793

■ 46.3137, 40.3643,
44.5197

■ 57.7927, 58.2742,
63.9086

■ 41.7554, 33.3916,
36.3912

■ 64.7811, 69.3316,
75.2384

■ 37.9356, 27.6531,
29.2572

■ 72.6439, 81.8646,
87.7019

■ 34.8135, 23.0757,
23.0779

■ 79.5303, 92.1647,
100.7033

■ 32.3443, 19.5790,
17.8103

■ 80.9617, 92.7372,
108.2407

■ 30.4777, 17.0718,
13.4078

■ 29.1553, 15.4481,
9.8192

■ 28.3019, 14.5685,
6.9849

■ 28.0989, 14.3761,
6.2590

Harmonies

Analogous

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



50.7630, 48.6356, 61.4754



51.6464, 48.6356, 53.6793



51.0311, 48.6356, 46.3950

Triad

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



51.6464, 48.6356, 53.6793



43.8751, 48.6356, 40.7310



43.4558, 48.6356, 66.5683

Complementary

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



51.6464, 48.6356, 53.6793



51.9926, 60.5354, 64.2055

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.



41.7337, 48.6356, 60.1079



51.6464, 48.6356, 53.6793



41.9690, 48.6356, 45.2623

Square

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



51.6464, 48.6356, 53.6793



46.4786, 48.6356, 39.3672



41.2000, 48.6356, 52.2390



45.9757, 48.6356, 69.3590

Rectangle

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



51.6464, 48.6356, 53.6793



49.8667, 48.6356, 42.7079



41.2000, 48.6356, 52.2390



42.7683, 48.6356, 64.7246

Sweetspot

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



51.6478, 48.6378, 53.6803



89.7234, 91.5759, 100.2524



51.3907, 48.1686, 68.8769



19.0500, 19.3572, 21.2054



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.



51.6478, 48.6378, 53.6803



75.6955, 69.5908, 76.8615



51.8406, 50.8360, 48.1570



12.5779, 12.4827, 13.7174



17.3861, 8.8908, 4.0713



1.0852, 0.5509, 0.4382

Inverse Universe

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



51.6478, 48.6378, 53.6803



75.6955, 69.5908, 76.8615



51.7170, 57.8393, 70.7263



12.5779, 12.4827, 13.7174



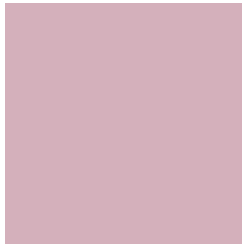
17.3861, 8.8908, 4.0713



1.0852, 0.5509, 0.4382

Previews

White Background



This preview shows how the XYZ color 51.6464, 48.6356, 53.6793 looks on a white background.

Color Contrast Check

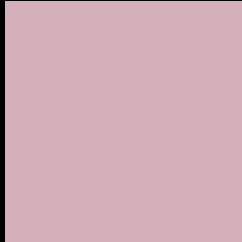
Large Text (above 18pt) WCAG AA × Fail

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 51.6464, 48.6356, 53.6793 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 51.6464, 48.6356, 53.6793

Background



This preview shows how black text looks on a background with the XYZ color 51.6464, 48.6356, 53.6793.



This preview shows how white text looks on a background with the XYZ color 51.6464, 48.6356,

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

51.6464, 48.6356, 53.6793

Protanopia

47.1484, 48.6515, 56.7749

Deuteranopia

49.8128, 48.8842, 53.2646



Tritanopia

51.8620, 48.7218, 54.8149

Trichromacy



Original Color

51.6464, 48.6356, 53.6793

Protanomaly

48.5831, 48.5012, 55.5163

Deuteranomaly

50.4366, 48.9072, 53.2361

Tritanomaly

51.7538, 48.6786, 54.2451

Monochromacy



Original Color

51.6464, 48.6356, 53.6793

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.2435, 49.7821, 54.5905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6464, 48.6356, 53.6793 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(212, 176, 187)` looks like.

```
.text, #text, p{  
    color:rgb(212, 176, 187)  
}
```

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(212, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 176, 187) }
```

Border

The CSS property to change the border of an element to XYZ 51.6464, 48.6356, 53.6793 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(212, 176, 187) }
```


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

```
.border{ border-color:rgb(212, 176, 187) }
```

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

Here you see how a box with a 4 pixel rgb(212, 176, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(212, 176,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6464, 48.6356, 53.6793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 176, 187) }
```

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

```
.background{ background-color: rgb(212,  
176, 187) }
```

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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