

Converting Colors

XYZ(50.8968, 46.1011, 53.2702)

Have a look what the booklet for
XYZ(50.8968, 46.1011, 53.2702)
contains.

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Color

**XYZ(50.7038, 45.8893,
53.1988)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A8BB
RGB	214, 168, 187
RGB Percent	84%, 66%, 73%
CMY	0.1608, 0.3412, 0.2667
CMYK	0.00, 0.21, 0.13, 0.16
HSL	335°, 36%, 75%
HSV	335°, 21%, 84%
XYZ	50.7038, 45.8893, 53.1988
YIQ	183.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

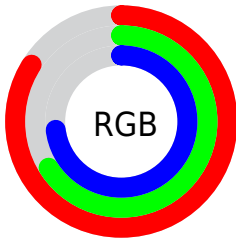
Format	Color
R_{YB}	214, 168, 187
Decimal	14067899
CIE Lab	73.47, 19.85, -3.26
CIE LCh	73, 20.116, 350.679
Yxy	45.8893, 0.3385, 0.3064
Android (android.graphics.Color)	4292257979 (0xFFD6A8BB)
YUV	183.9200, 1.5184, 26.3802
Hunter-Lab	67.7416, 15.0572, 0.8576

Details

The XYZ color **50.7038, 45.8893, 53.1988** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.0472, 60.3592, 60.6454**, and the grayscale version is **45.5006, 47.8701, 52.1306**.

A 20% lighter version of the original color is **83.8053, 80.5064, 95.9163**, and **24.8465, 21.5829, 25.4106** is the 20% darker color. If you saturate the color by 10%, you get **45.7870, 38.1143, 45.2127**, and if you desaturate by 10%, it is **56.3910, 55.0158, 62.0232**.

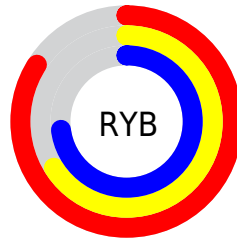
Distribution



Red (84%)

Green (66%)

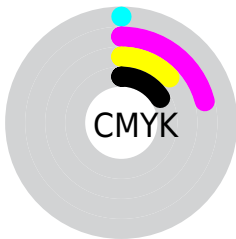
Blue (73%)



Red (84%)

Yellow (66%)

Blue (73%)

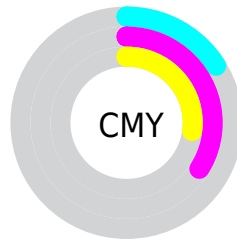


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (16%)



Cyan (16%)


Magenta (34%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7038, 45.8893, 53.1988 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 50.7038, 45.8893, 53.1988 by changing the saturation by 10% instead.


 50.7038, 45.8893,
53.1988


 50.7038, 45.8893,
53.1988


379.8185,
370.3634, 416.1353

 36.1930, 32.1585,
37.5727

 90.4024, 84.0533,
96.3413

 24.7541, 21.4826,
25.3520


 116.3209,
109.2553, 124.6949

 16.0217, 13.4772,
16.1181


146.7727,
139.0497, 158.1279

 9.6305, 7.7580,
9.4525

182.1232,
173.8211, 197.0591

 5.2150, 3.9405,
4.9367

222.7376,
213.9538, 241.9068

 2.4100, 1.6403,
2.1521

268.9814,

 0.8501, 0.3846,

259.8321, 293.0898

0.6465

321.2199,
311.8405, 351.0264

■ 0.0000, 0.0000,
0.0000

■ 50.7038, 45.8893,
53.1988

■ 50.7038, 45.8893,
53.1988

■ 45.7870, 38.1143,
45.2127

■ 56.3910, 55.0158,
62.0232

■ 41.6020, 31.6197,
38.0357

■ 62.8772, 65.5479,
71.7081

■ 38.1125, 26.3377,
31.6408

■ 70.1942, 77.5444,
82.2785

■ 35.2773, 22.1912,
25.9981

■ 78.3710, 91.0588,
93.7572

■ 33.0509, 19.0943,
21.0758

■ 80.7174, 92.7065,
103.9271

■ 31.3813, 16.9489,
16.8387

■ 81.5417, 93.0362,
108.2678

■ 30.2067, 15.6377,
13.2475

■ 29.5090, 15.0071,
10.6568

Harmonies

Analogous

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



49.1121, 45.8893, 63.4029



50.7038, 45.8893, 53.1988



50.3183, 45.8893, 43.3763

Triad

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



50.7038, 45.8893, 53.1988



41.2504, 45.8893, 33.8190



39.4330, 45.8893, 66.6633

Complementary

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



50.7038, 45.8893, 53.1988



50.0472, 60.3592, 60.6454

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.



37.5377, 45.8893, 57.1907



50.7038, 45.8893, 53.1988



38.5468, 45.8893, 38.5752

Square

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



50.7038, 45.8893, 53.1988



44.7312, 45.8893, 33.0531



37.2223, 45.8893, 46.8662



42.5203, 45.8893, 71.8420

Rectangle

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



50.7038, 45.8893, 53.1988



48.9997, 45.8893, 38.2773



37.2223, 45.8893, 46.8662



38.6426, 45.8893, 63.8197

Sweetspot

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



50.7051, 45.8914, 53.1998



88.9493, 90.0587, 99.8988



48.6046, 44.4426, 69.6353



18.9025, 19.0548, 21.1789



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.



50.7051, 45.8914, 53.1998



71.7783, 62.4883, 73.2993



49.5219, 46.5671, 43.4266



12.6338, 12.5050, 14.0118



17.8852, 9.0904, 6.6994



1.1194, 0.5645, 0.6181

Inverse Universe

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



50.7051, 45.8914, 53.1998



71.7783, 62.4883, 73.2993



51.3753, 59.3565, 72.3680



12.6338, 12.5050, 14.0118



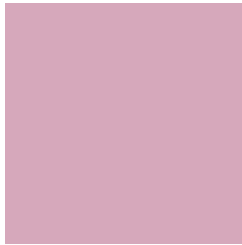
17.8852, 9.0904, 6.6994



1.1194, 0.5645, 0.6181

Previews

White Background



This preview shows how the XYZ color 50.7038, 45.8893, 53.1988 looks on a white background.

Color Contrast Check

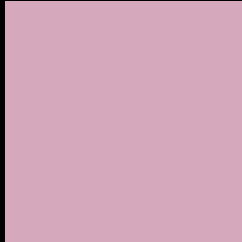
Large Text (above 18pt) WCAG AA × Fail

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 50.7038, 45.8893, 53.1988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

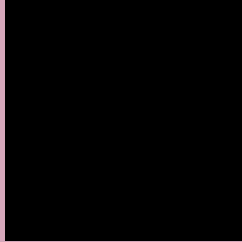
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7038, 45.8893, 53.1988

Background



This preview shows how black text looks on a background with the XYZ color 50.7038, 45.8893, 53.1988.



This preview shows how white text looks on a background with the XYZ color 50.7038, 45.8893,

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

50.7038, 45.8893, 53.1988

Protanopia

44.8813, 46.2409, 57.5988

Deuteranopia

46.9578, 45.9409, 52.8469



Tritanopia

50.0720, 45.8995, 50.4764

Trichromacy



Original Color

50.7038, 45.8893, 53.1988

Protanomaly

46.6675, 46.0187, 55.7131

Deuteranomaly

48.2441, 45.7467, 52.7416

Tritanomaly

50.2803, 45.9828, 51.5729

Monochromacy



Original Color

50.7038, 45.8893, 53.1988

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.1830, 46.9457, 52.4735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7038, 45.8893, 53.1988 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(214, 168, 187) looks like.

```
.text, #text, p{  
    color:rgb(214, 168, 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(214, 168, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 168, 187) }
```

Border

The CSS property to change the border of an element to XYZ 50.7038, 45.8893, 53.1988 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(214, 168, 187) }
```


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

```
.border{ border-color:rgb(214, 168, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 168, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 168, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 168, 187);  
box-shadow:4px 4px 4px 4px rgb(214, 168,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7038, 45.8893, 53.1988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 168, 187) }
```

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

```
.background{ background-color: rgb(214,  
168, 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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