

Converting Colors

XYZ(50.6939, 50.7726, 43.6875)

Have a look what the booklet for
XYZ(50.6939, 50.7726, 43.6875)
contains.

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Color

**XYZ(50.6939, 50.7726,
43.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B8A7
RGB	210, 184, 167
RGB Percent	82%, 72%, 65%
CMY	0.1765, 0.2784, 0.3451
CMYK	0.00, 0.12, 0.20, 0.18
HSL	24°, 32%, 74%
HSV	24°, 20%, 82%
XYZ	50.6939, 50.7726, 43.6875
YIQ	189.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

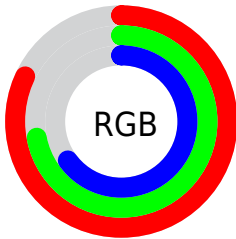
Format	Color
R_{YB}	210, 195, 167
Decimal	13809831
CIE _{Lab}	76.54, 6.60, 12.04
CIE _{LCh}	77, 13.732, 61.264
Yxy	50.7726, 0.3492, 0.3498
Android (android.graphics.Color)	4291999911 (0xFFD2B8A7)
YUV	189.8360, -11.2581, 17.6838
Hunter-Lab	71.2549, 2.2968, 13.5268

Details

The XYZ color **50.6939, 50.7726, 43.6875** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6389, 51.0075, 68.3605**, and the grayscale version is **48.9046, 51.4514, 56.0306**.

A 20% lighter version of the original color is **85.5849, 88.8541, 81.7470**, and **24.7284, 24.4390, 19.6335** is the 20% darker color. If you saturate the color by 10%, you get **46.3883, 45.0199, 33.4395**, and if you desaturate by 10%, it is **55.5542, 57.1294, 55.6769**.

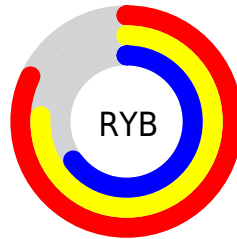
Distribution



Red (82%)

Green (72%)

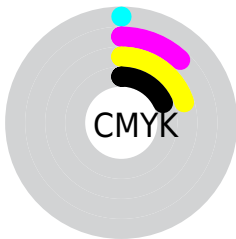
Blue (65%)



Red (82%)

Yellow (76%)

Blue (65%)

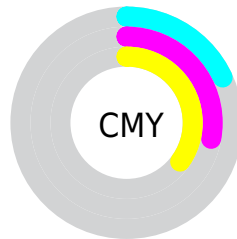


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (18%)



Cyan (18%)


Magenta (28%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6939, 50.7726, 43.6875 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 50.6939, 50.7726, 43.6875 by changing the saturation by 10% instead.


 50.6939, 50.7726,
43.6875


 50.6939, 50.7726,
43.6875


379.7806,
389.6796, 377.4355

 36.1851, 36.0277,
30.0895


 90.3878, 91.3185,
82.0448

 24.7480, 24.4556,
19.6539


 116.3037,
117.8884, 107.6411

 16.0171, 15.6719,
11.9622


146.7526,
149.1686, 138.0740

 9.6272, 9.2923,
6.5957

182.0999,
185.5436, 173.7620

 5.2128, 4.9323,
3.1360

222.7111,
227.3978, 215.1236

 2.4087, 2.2076,
1.1645

268.9513,

 0.8495, 0.7241,

275.1156, 262.5773

0.0000

321.1861,
329.0814, 316.5418

■ 0.0000, 0.0000,
0.0000

■ 50.6939, 50.7726,
43.6875

■ 50.6939, 50.7726,
43.6875

■ 46.3883, 45.0199,
33.4395

■ 55.5542, 57.1294,
55.6769

■ 42.6120, 39.8460,
24.8476

■ 60.9853, 64.1011,
69.4812

■ 39.3435, 35.2336,
17.8242

■ 67.0076, 71.7067,
85.1733

■ 36.5578, 31.1621,
12.2720

■ 73.6392, 79.9624,
102.8214

■ 34.2280, 27.6093,
8.0827

■ 78.0376, 87.7398,
107.4302

■ 32.3234, 24.5512,
5.1331

■ 80.3885, 92.4417,
108.2139

■ 30.8091, 21.9609,
3.2769

■ 29.6750, 19.8947,
2.2760

Harmonies

Analogous

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



52.6447, 50.7726, 48.2008



50.6939, 50.7726, 43.6875



48.1480, 50.7726, 42.2050

Triad

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



50.6939, 50.7726, 43.6875



43.4445, 50.7726, 55.5982



50.8910, 50.7726, 68.4035

Complementary

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



50.6939, 50.7726, 43.6875



46.6389, 51.0075, 68.3605

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.



48.3679, 50.7726, 70.8163



50.6939, 50.7726, 43.6875



44.1217, 50.7726, 63.0265

Square

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



50.6939, 50.7726, 43.6875



44.0182, 50.7726, 48.7003



45.9011, 50.7726, 68.7670



52.7613, 50.7726, 62.4331

Rectangle

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



50.6939, 50.7726, 43.6875



46.4728, 50.7726, 43.0190



45.9011, 50.7726, 68.7670



50.0880, 50.7726, 69.6803

Sweetspot

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



50.6953, 50.7749, 43.6886



89.8035, 93.2931, 95.4788



50.0810, 45.2131, 56.8428



19.1037, 19.8169, 20.1374



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.



50.6953, 50.7749, 43.6886



75.3452, 74.3800, 59.8202



55.3812, 60.1468, 45.2506



12.1868, 12.5643, 12.3949



18.1930, 12.3191, 1.4189



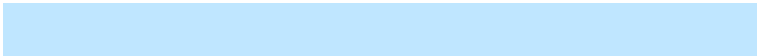
1.0938, 0.8419, 0.1049

Inverse Universe

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



46.6389, 51.0075, 68.3605



67.8374, 74.8061, 105.4713



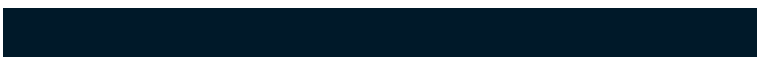
42.3256, 42.3808, 66.9227



11.7497, 12.5897, 15.0544



11.8225, 12.2916, 38.9419



0.7373, 0.8398, 2.2028

Previews

White Background



This preview shows how the XYZ color 50.6939, 50.7726, 43.6875 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 50.6939, 50.7726, 43.6875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

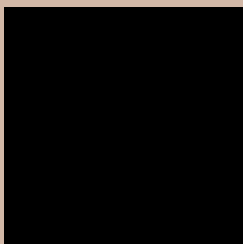
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6939, 50.7726, 43.6875

Background



This preview shows how black text looks on a background with the XYZ color 50.6939, 50.7726, 43.6875.



This preview shows how white text looks on a background with the XYZ color 50.6939, 50.7726,

43.6875.

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

50.6939, 50.7726, 43.6875

Protanopia

48.1706, 50.7013, 44.7836

Deuteranopia

51.7273, 50.6930, 43.6176



Tritanopia

53.4994, 50.6837, 58.0021

Trichromacy



Original Color

50.6939, 50.7726, 43.6875

Protanomaly

49.1953, 50.9244, 44.2823

Deuteranomaly

51.3491, 50.8031, 43.6588

Tritanomaly

52.3270, 50.5055, 52.3380

Monochromacy



Original Color

50.6939, 50.7726, 43.6875

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.4527, 51.2142, 51.5349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6939, 50.7726, 43.6875 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(210, 184, 167)` looks like.

```
.text, #text, p{  
    color:rgb(210, 184, 167)  
}
```

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(210, 184, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 184, 167) }
```

Border

The CSS property to change the border of an element to XYZ 50.6939, 50.7726, 43.6875 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(210, 184, 167) }
```


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

```
.border{ border-color:rgb(210, 184, 167) }
```

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

Here you see how a box with a 4 pixel rgb(210, 184, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 184, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 184, 167);  
box-shadow:4px 4px 4px 4px rgb(210, 184,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6939, 50.7726, 43.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 184, 167) }
```

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

```
.background{ background-color: rgb(210,  
184, 167) }
```

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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