

Converting Colors

XYZ(52.9120, 53.1620, 49.8562)

Have a look what the booklet for
XYZ(52.9120, 53.1620, 49.8562)
contains.

XYZ(52.9839, 53.0700, 50.0988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.9839, 53.0700,
50.0988)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BCB3
RGB	211, 188, 179
RGB Percent	83%, 74%, 70%
CMY	0.1725, 0.2627, 0.2980
CMYK	0.00, 0.11, 0.15, 0.17
HSL	17°, 27%, 76%
HSV	17°, 15%, 83%
XYZ	52.9839, 53.0700, 50.0988
YIQ	193.8510, 16.5970, 2.0770

Conversions

Conversions Part 2

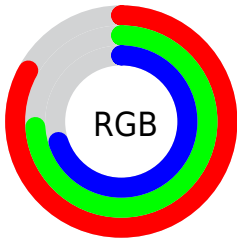
Format	Color
R_{YB}	211, 192, 179
Decimal	13876403
CIE Lab	77.92, 6.69, 7.52
CIE LCh	78, 10.067, 48.353
Yxy	53.0700, 0.3393, 0.3399
Android (android.graphics.Color)	4292066483 (0xFFD3BCB3)
YUV	193.8510, -7.3215, 15.0397
Hunter-Lab	72.8492, 2.3388, 10.2203

Details

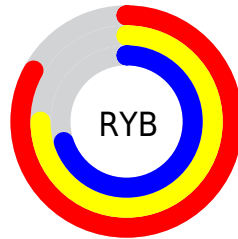
The XYZ color **52.9839, 53.0700, 50.0988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4686, 56.5268, 69.8267**, and the grayscale version is **51.2263, 53.8941, 58.6907**.

A 20% lighter version of the original color is **88.5861, 91.9595, 91.6782**, and **26.1402, 25.9022, 23.3606** is the 20% darker color. If you saturate the color by 10%, you get **47.9406, 46.1408, 38.6826**, and if you desaturate by 10%, it is **58.6971, 60.8153, 63.3506**.

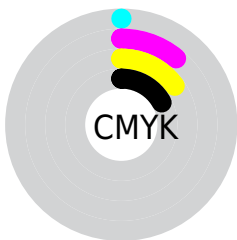
Distribution



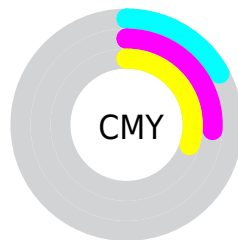
- Red (83%)
- Green (74%)
- Blue (70%)



- Red (83%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (17%)





- Cyan (17%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9839, 53.0700, 50.0988 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 52.9839, 53.0700, 50.0988 by changing the saturation by 10% instead.


 52.9839, 53.0700,
50.0988

 52.9839, 53.0700,
50.0988


388.4852,
398.5536, 403.7983

 38.0173, 37.8587,
35.1202


 93.7463, 94.7074,
91.7191

 26.1734, 25.8730,
23.4712


120.2729,
121.9022, 119.1978

 17.0868, 16.7287,
14.7332


151.3836,
153.8603, 151.6803

 10.3921, 10.0412,
8.4878

187.4437,
190.9660, 189.5851

 5.7239, 5.4263,
4.3164

228.8185,
233.6038, 233.3307

 2.7170, 2.4995,
1.8005

275.8735,

 1.0059, 0.8764,

282.1581, 283.3358

0.4283

328.9739,
337.0132, 340.0188

■ 0.0000, 0.0000,
0.0000

■ 52.9839, 53.0700,
50.0988

■ 52.9839, 53.0700,
50.0988

■ 47.9406, 46.1408,
38.6826

■ 58.6971, 60.8153,
63.3506

■ 43.5375, 39.9938,
29.0171

■ 65.0997, 69.3951,
78.5110

■ 39.7492, 34.6029,
21.0160

■ 72.2157, 78.8362,
95.6529

■ 36.5467, 29.9380,
14.5840

■ 78.6842, 88.6089,
107.5639

■ 33.8986, 25.9669,
9.6162

■ 80.6742, 92.5890,
108.2272

■ 31.7702, 22.6548,
5.9947

■ 30.1225, 19.9635,
3.5829

■ 28.9095, 17.8501,
2.2146

■ 28.4472, 17.0151,
1.7849

Harmonies

Analogous

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



54.0983, 53.0700, 54.4566



52.9839, 53.0700, 50.0988



51.2050, 53.0700, 47.8580

Triad

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



52.9839, 53.0700, 50.0988



46.8446, 53.0700, 55.6355



51.6357, 53.0700, 68.6294

Complementary

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



52.9839, 53.0700, 50.0988



51.4686, 56.5268, 69.8267

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.



49.6855, 53.0700, 68.9960



52.9839, 53.0700, 50.0988



46.9532, 53.0700, 61.2447

Square

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



52.9839, 53.0700, 50.0988



47.6812, 53.0700, 50.9137



47.9816, 53.0700, 66.2180



53.3062, 53.0700, 65.2466

Rectangle

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



52.9839, 53.0700, 50.0988



49.8967, 53.0700, 47.7631



47.9816, 53.0700, 66.2180



50.9901, 53.0700, 69.1172

Sweetspot

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



52.9854, 53.0724, 50.0999



90.2110, 93.4985, 97.4938



53.7007, 50.3762, 63.0611



19.1680, 19.8226, 20.5375



0.0000, 0.0000, 0.0000



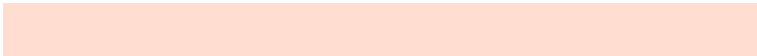
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.9854, 53.0724, 50.0999



78.8863, 78.1189, 71.3072



56.4834, 60.0684, 51.2659



12.0757, 12.3421, 12.3578



17.2432, 10.4193, 1.1023



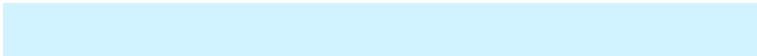
1.0317, 0.7178, 0.0842

Inverse Universe

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



51.4686, 56.5268, 69.8267



76.1503, 84.3448, 106.8744



48.0064, 49.6024, 68.6726



11.8655, 12.8213, 15.0930



13.9266, 16.4998, 39.6433



0.8440, 1.0532, 2.2384

Previews

White Background



This preview shows how the XYZ color 52.9839, 53.0700, 50.0988 looks on a white background.

Color Contrast Check

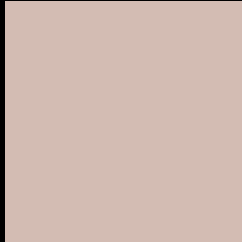
Large Text (above 18pt) WCAG AA × Fail

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 52.9839, 53.0700, 50.0988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

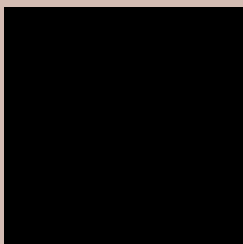
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

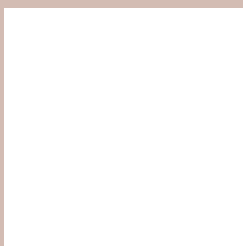
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9839, 53.0700, 50.0988

Background



This preview shows how black text looks on a background with the XYZ color 52.9839, 53.0700, 50.0988.



This preview shows how white text looks on a background with the XYZ color 52.9839, 53.0700,

50.0988.

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

52.9839, 53.0700, 50.0988

Protanopia

50.7433, 53.1776, 51.3059

Deuteranopia

54.0145, 52.9714, 50.0255



Tritanopia

55.3893, 53.1176, 61.3662

Trichromacy



Original Color

52.9839, 53.0700, 50.0988

Protanomaly

51.4976, 53.2534, 50.7447

Deuteranomaly

53.6386, 53.0915, 50.0684

Tritanomaly

54.5139, 53.0697, 57.2395

Monochromacy



Original Color

52.9839, 53.0700, 50.0988

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8544, 53.6528, 55.7671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9839, 53.0700, 50.0988 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(211, 188, 179) looks like.

```
.text, #text, p{  
    color:rgb(211, 188, 179)  
}
```

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(211, 188, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 188, 179) }
```

Border

The CSS property to change the border of an element to XYZ 52.9839, 53.0700, 50.0988 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(211, 188, 179) }
```


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

```
.border{ border-color:rgb(211, 188, 179) }
```

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

Here you see how a box with a 4 pixel rgb(211, 188, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 188, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 188, 179);  
box-shadow:4px 4px 4px 4px rgb(211, 188,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9839, 53.0700, 50.0988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 188, 179) }
```

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

```
.background{ background-color: rgb(211,  
188, 179) }
```

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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