

Converting Colors

XYZ(53.3058, 52.0596, 61.6525)

Have a look what the booklet for
XYZ(53.3058, 52.0596, 61.6525)
contains.

XYZ(53.2279, 51.9899, 61.8732)	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(53.2279, 51.9899,
61.8732)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB9C8
RGB	206, 185, 200
RGB Percent	81%, 73%, 78%
CMY	0.1922, 0.2745, 0.2157
CMYK	0.00, 0.10, 0.03, 0.19
HSL	317°, 18%, 77%
HSV	317°, 10%, 81%
XYZ	53.2279, 51.9899, 61.8732
YIQ	192.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

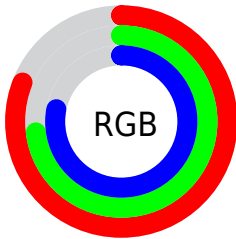
Format	Color
R_{YB}	206, 185, 200
Decimal	13547976
CIE _{Lab}	77.27, 10.09, -4.84
CIE _{LCh}	77, 11.187, 334.371
Yxy	51.9899, 0.3186, 0.3111
Android (android.graphics.Color)	4291738056 (0xFFCEB9C8)
YUV	192.9890, 3.4564, 11.4106
Hunter-Lab	72.1040, 5.5884, -0.4045

Details

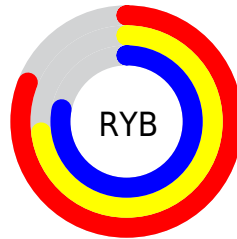
The XYZ color **53.2279, 51.9899, 61.8732** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4849, 58.2199, 57.8171**, and the grayscale version is **50.6605, 53.2988, 58.0424**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **26.3885, 25.2533, 30.6777** is the 20% darker color. If you saturate the color by 10%, you get **48.5524, 43.7182, 56.9858**, and if you desaturate by 10%, it is **58.5573, 61.5255, 67.1105**.

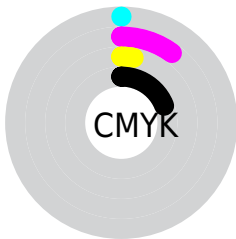
Distribution



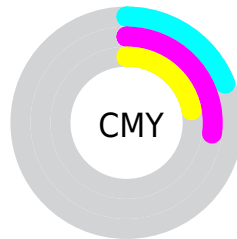
- Red (81%)
- Green (73%)
- Blue (78%)



- Red (81%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2279, 51.9899, 61.8732 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 53.2279, 51.9899, 61.8732 by changing the saturation by 10% instead.


 53.2279, 51.9899,
61.8732

 53.2279, 51.9899,
61.8732


389.4054,
394.3976, 449.4633

 38.2129, 36.9970,
44.4951

 94.1032, 93.1163,
109.1121

 26.3260, 25.2052,
30.7199


120.6942,
120.0187, 139.8099

 17.2016, 16.2300,
20.1290

151.8747,
151.6597, 175.7848

 10.4745, 9.6870,
12.3038

188.0099,
188.4237, 217.4552

 5.7794, 5.1920,
6.8259

229.4652,
230.6951, 265.2398

 2.7508, 2.3603,
3.2767

276.6060,

 1.0234, 0.8054,

278.8582, 319.5569

1.2376

329.7976,
333.2976, 380.8253

■ 0.0000, 0.0000,
0.0098

■ 0.0000, 0.0000,
0.0000

■ 53.2279, 51.9899,
61.8732

■ 53.2279, 51.9899,
61.8732

■ 48.5524, 43.7182,
56.9858

■ 58.5573, 61.5255,
67.1105

■ 44.4993, 36.6501,
52.4345

■ 64.5614, 72.3685,
72.7043

■ 41.0411, 30.7302,
48.2093

■ 71.2658, 84.5687,
78.6650

■ 38.1464, 25.8966,
44.2982

■ 74.6073, 89.9993,
83.6397

35.7810, 22.0810,
40.6883

75.4177, 90.3235,
87.9070

33.9068, 19.2078,
37.3654

76.2559, 90.6588,
92.3212

32.4802, 17.1904,
34.3132

77.1223, 91.0053,
96.8837

31.4498, 15.9264,
31.5131

78.0172, 91.3633,
101.5960

30.7309, 15.2328,
28.9791

78.9408, 91.7327,
106.4594

Harmonies

Analogous

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



51.7803, 51.9899, 66.9293



53.2279, 51.9899, 61.8732



53.6428, 51.9899, 55.7127

Triad

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



53.2279, 51.9899, 61.8732



49.1012, 51.9899, 45.6274



46.0878, 51.9899, 63.5426

Complementary

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



53.2279, 51.9899, 61.8732



51.4849, 58.2199, 57.8171

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.



45.4151, 51.9899, 57.5132



53.2279, 51.9899, 61.8732



47.1226, 51.9899, 47.4067

Square

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



53.2279, 51.9899, 61.8732



51.2206, 51.9899, 46.6113



45.7884, 51.9899, 51.6506



47.6520, 51.9899, 67.9410

Rectangle

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



53.2279, 51.9899, 61.8732



53.2681, 51.9899, 51.8722



45.7884, 51.9899, 51.6506



45.7520, 51.9899, 61.6240

Sweetspot

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



53.2294, 51.9922, 61.8743



92.3079, 95.0758, 106.2595



49.9650, 50.2267, 65.4546



19.6045, 20.0755, 22.5948



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.



53.2294, 51.9922, 61.8743



84.6771, 81.4561, 98.6542



52.0495, 51.5202, 55.6612



11.5455, 11.3469, 13.4074



18.9664, 9.3972, 18.0737



1.0101, 0.4975, 1.0992

Inverse Universe

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



53.2294, 51.9922, 61.8743



84.6771, 81.4561, 98.6542



52.6763, 58.6965, 64.0908



11.5455, 11.3469, 13.4074



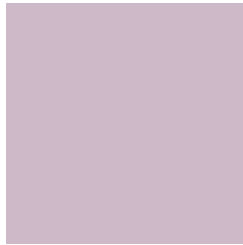
18.9664, 9.3972, 18.0737



1.0101, 0.4975, 1.0992

Previews

White Background



This preview shows how the XYZ color 53.2279, 51.9899, 61.8732 looks on a white background.

Color Contrast Check

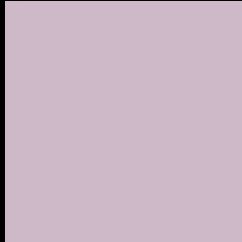
Large Text (above 18pt) WCAG AA × Fail

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 53.2279, 51.9899, 61.8732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

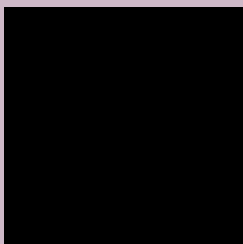
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

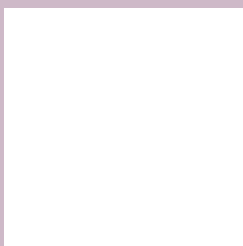
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2279, 51.9899, 61.8732

Background



This preview shows how black text looks on a background with the XYZ color 53.2279, 51.9899, 61.8732.



This preview shows how white text looks on a background with the XYZ color 53.2279, 51.9899,

61.8732.

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

53.2279, 51.9899, 61.8732

Protanopia

50.6788, 52.2151, 63.9074

Deuteranopia

52.9511, 51.8472, 61.8603



Tritanopia

53.2279, 51.9899, 61.8732

Trichromacy



Original Color

53.2279, 51.9899, 61.8732

Protanomaly

51.4088, 51.9665, 63.1981

Deuteranomaly

52.9511, 51.8472, 61.8603

Tritanomaly

53.2279, 51.9899, 61.8732

Monochromacy



Original Color

53.2279, 51.9899, 61.8732

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6660, 52.8182, 59.6964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2279, 51.9899, 61.8732 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(206, 185, 200)` looks like.

```
.text, #text, p{  
    color:rgb(206, 185, 200)  
}
```

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(206, 185, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 185, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.2279, 51.9899, 61.8732 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(206, 185, 200) }
```


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

```
.border{ border-color:rgb(206, 185, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 185, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(206, 185,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2279, 51.9899, 61.8732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 185, 200) }
```

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

```
.background{ background-color: rgb(206,  
185, 200) }
```

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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