

Converting Colors

XYZ(56.9913, 53.2997, 62.5424)

Have a look what the booklet for
XYZ(56.9913, 53.2997, 62.5424)
contains.

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Color

**XYZ(56.9913, 53.2997,
62.5424)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB7C9
RGB	220, 183, 201
RGB Percent	86%, 72%, 79%
CMY	0.1373, 0.2823, 0.2118
CMYK	0.00, 0.17, 0.09, 0.14
HSL	331°, 35%, 79%
HSV	331°, 17%, 86%
XYZ	56.9913, 53.2997, 62.5424
YIQ	196.1150, 16.2740, 13.4420

Conversions

Conversions Part 2

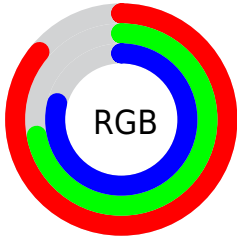
Format	Color
R _{YB}	220, 183, 201
Decimal	14464969
CIE Lab	78.05, 16.23, -4.09
CIE LCh	78, 16.739, 345.841
Yxy	53.2997, 0.3297, 0.3084
Android (android.graphics.Color)	4292655049 (0xFFDCB7C9)
YUV	196.1150, 2.4083, 20.9471
Hunter-Lab	73.0066, 11.5811, 0.3128

Details

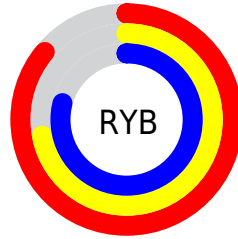
The XYZ color **56.9913, 53.2997, 62.5424** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.7844, 65.5194, 65.5867**, and the grayscale version is **52.5188, 55.2539, 60.1715**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **28.7661, 26.0712, 31.1199** is the 20% darker color. If you saturate the color by 10%, you get **51.5231, 44.4121, 54.4018**, and if you desaturate by 10%, it is **63.2696, 63.6496, 71.4367**.

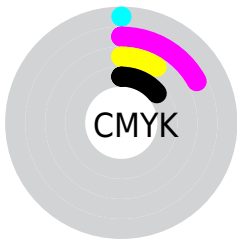
Distribution



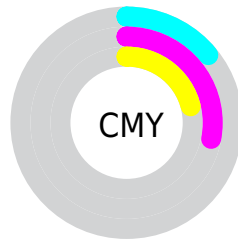
- Red (86%)
- Green (72%)
- Blue (79%)



- Red (86%)
- Yellow (72%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9913, 53.2997, 62.5424 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 56.9913, 53.2997, 62.5424 by changing the saturation by 10% instead.

■ 56.9913, 53.2997,
62.5424

■ 56.9913, 53.2997,
62.5424

403.4314,
399.4339, 451.9690

■ 41.2384, 38.0421,
45.0325

■ 99.5839, 95.0452,
110.0883

■ 28.6939, 26.0153,
31.1399

127.1543,
122.3019, 140.9613

■ 18.9925, 16.8351,
20.4460

159.3946,
154.3271, 177.1258

■ 11.7688, 10.1170,
12.5324

196.6701,
191.5051, 219.0003

■ 6.6575, 5.4766,
6.9804

239.3462,
234.2204, 267.0033

■ 3.2933, 2.5295,
3.3716

287.7882,

■ 1.3107, 0.8914,

282.8574, 321.5534

1.2874

342.3615,
337.8004, 383.0691

■ 0.1912, 0.0000,
0.0514

■ 0.0000, 0.0000,
0.0000

■ 56.9913, 53.2997,
62.5424

■ 56.9913, 53.2997,
62.5424

■ 51.5231, 44.4121,
54.4018

■ 63.2696, 63.6496,
71.4367

■ 46.8254, 36.9131,
46.9895

■ 70.3862, 75.5170,
81.1022

■ 42.8622, 30.7335,
40.2834

■ 78.3734, 88.9628,
91.5600

■ 39.5926, 25.7949,
34.2590

■ 81.9401, 93.4016,
101.0557

■ 36.9713, 22.0107,
28.8896

■ 83.3255, 93.9558,
108.3513

■ 34.9477, 19.2831,
24.1464

■ 33.4623, 17.4977,
19.9972

■ 32.4395, 16.5070,
16.4038

■ 32.1701, 16.2777,
15.3605

Harmonies

Analogous

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



55.2964, 53.2997, 71.4765



56.9913, 53.2997, 62.5424



56.9397, 53.2997, 53.2654

Triad

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



56.9913, 53.2997, 62.5424



48.9660, 53.2997, 42.4049



46.4126, 53.2997, 71.9060

Complementary

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



56.9913, 53.2997, 62.5424



55.7844, 65.5194, 65.5867

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.



44.8594, 53.2997, 63.0797



56.9913, 53.2997, 62.5424



46.2898, 53.2997, 46.3929

Square

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



56.9913, 53.2997, 62.5424



52.2103, 53.2997, 42.2942



44.8154, 53.2997, 53.7482



49.1402, 53.2997, 77.2627

Rectangle

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



56.9913, 53.2997, 62.5424



55.9190, 53.2997, 48.1342



44.8154, 53.2997, 53.7482



45.7411, 53.2997, 69.2065

Sweetspot

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



56.9928, 53.3021, 62.5435



90.0801, 91.7186, 102.1308



54.0759, 51.5239, 74.8058



19.1365, 19.3918, 21.6613



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.



56.9928, 53.3021, 62.5435



76.9489, 70.0922, 83.4617



54.9979, 52.5041, 52.0382



13.3186, 13.1566, 14.9392



18.9360, 9.5755, 9.3092



1.2702, 0.6377, 0.8319

Inverse Universe

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



56.9928, 53.3021, 62.5435



76.9489, 70.0922, 83.4617



58.0416, 66.4222, 77.4725



13.3186, 13.1566, 14.9392



18.9360, 9.5755, 9.3092



1.2702, 0.6377, 0.8319

Previews

White Background



This preview shows how the XYZ color 56.9913, 53.2997, 62.5424 looks on a white background.

Color Contrast Check

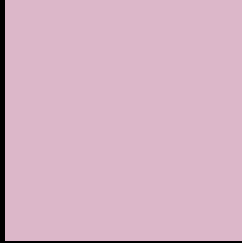
Large Text (above 18pt) WCAG AA × Fail

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 56.9913, 53.2997, 62.5424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

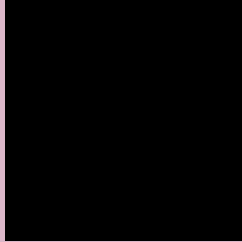
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9913, 53.2997, 62.5424

Background



This preview shows how black text looks on a background with the XYZ color 56.9913, 53.2997, 62.5424.



This preview shows how white text looks on a background with the XYZ color 56.9913, 53.2997,

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

56.9913, 53.2997, 62.5424

Protanopia

51.9825, 53.4930, 65.9779

Deuteranopia

54.4901, 53.2661, 62.0530



Tritanopia

56.8487, 53.5738, 60.7706

Trichromacy



Original Color

56.9913, 53.2997, 62.5424

Protanomaly

53.7253, 53.4513, 64.6123

Deuteranomaly

55.4248, 53.4341, 62.0362

Tritanomaly

56.9645, 53.6201, 61.3802

Monochromacy



Original Color

56.9913, 53.2997, 62.5424

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.0007, 54.3180, 61.0644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9913, 53.2997, 62.5424 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(220, 183, 201)` looks like.

```
.text, #text, p{  
    color:rgb(220, 183, 201)  
}
```

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(220, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 183, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.9913, 53.2997, 62.5424 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(220, 183, 201) }
```


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

```
.border{ border-color:rgb(220, 183, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 183, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 183, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 183, 201);  
box-shadow:4px 4px 4px 4px rgb(220, 183,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9913, 53.2997, 62.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 183, 201) }
```

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

```
.background{ background-color: rgb(220,  
183, 201) }
```

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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