

Converting Colors

XYZ(56.9853, 53.5087, 63.6784)

Have a look what the booklet for
XYZ(56.9853, 53.5087, 63.6784)
contains.

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Color

**XYZ(57.1334, 53.6528,
63.8447)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB8CB
RGB	219, 184, 203
RGB Percent	86%, 72%, 80%
CMY	0.1412, 0.2784, 0.2039
CMYK	0.00, 0.16, 0.07, 0.14
HSL	327°, 33%, 79%
HSV	327°, 16%, 86%
XYZ	57.1334, 53.6528, 63.8447
YIQ	196.6310, 14.7610, 13.3290

Conversions

Conversions Part 2

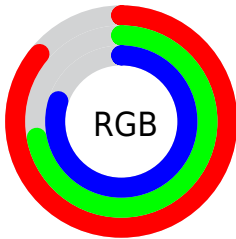
Format	Color
R _Y B	219, 184, 203
Decimal	14399691
CIE Lab	78.26, 15.69, -4.88
CIE LCh	78, 16.430, 342.709
Yxy	53.6528, 0.3272, 0.3072
Android (android.graphics.Color)	4292589771 (0xFFDDBB8CB)
YUV	196.6310, 3.1399, 19.6176
Hunter-Lab	73.2481, 11.0456, -0.4049

Details

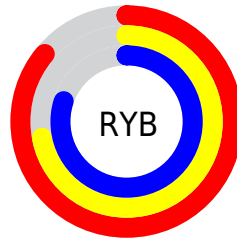
The XYZ color **57.1334, 53.6528, 63.8447** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.5261, 65.0250, 64.2711**, and the grayscale version is **52.8252, 55.5762, 60.5225**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **28.8510, 26.2950, 31.9886** is the 20% darker color. If you saturate the color by 10%, you get **51.7770, 44.7876, 56.3614**, and if you desaturate by 10%, it is **63.2742, 63.9620, 71.9710**.

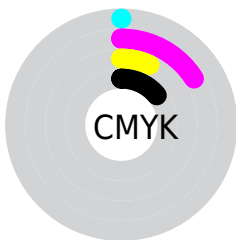
Distribution



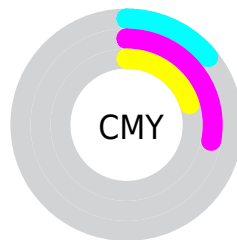
- Red (86%)
- Green (72%)
- Blue (80%)



- Red (86%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (14%)





- Cyan (14%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1334, 53.6528, 63.8447 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 57.1334, 53.6528, 63.8447 by changing the saturation by 10% instead.


 57.1334, 53.6528,
63.8447

 57.1334, 53.6528,
63.8447


403.9551,
400.7846, 456.8207

 41.3529, 38.3242,
46.0795


 99.7900, 95.5643,
111.9846

 28.7838, 26.2344,
31.9595


127.3969,
122.9159, 143.1963

 19.0608, 16.9991,
21.0660

159.6766,
155.0439, 179.7274

 11.8185, 10.2338,
12.9805

196.9945,
192.3328, 221.9962

 6.6915, 5.5543,
7.2846

239.7159,
235.1669, 270.4215

 3.3145, 2.5760,
3.5596

288.2063,

 1.3222, 0.9146,

283.9307, 325.4216

1.3870

342.8309,
339.0085, 387.4151

■ 0.1997, 0.0000,
0.1315

■ 0.0000, 0.0000,
0.0000

■ 57.1334, 53.6528,
63.8447

■ 57.1334, 53.6528,
63.8447

■ 51.7770, 44.7876,
56.3614

■ 63.2742, 63.9620,
71.9710

■ 47.1666, 37.2942,
49.4993

■ 70.2265, 75.7691,
80.7542

■ 43.2675, 31.1047,
43.2401

■ 78.0214, 89.1339,
90.2123

■ 40.0401, 26.1426,
37.5631

■ 81.1592, 93.0544,
98.5185

■ 37.4411, 22.3233,
32.4459

■ 82.7136, 93.6762,
106.7037

■ 35.4212, 19.5515,
27.8641

■ 83.0238, 93.8003,
108.3372

■ 33.9237, 17.7159,
23.7905

■ 32.8783, 16.6790,
20.1929

■ 32.5361, 16.3892,
18.8623

Harmonies

Analogous

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



55.3078, 53.6528, 72.4291



57.1334, 53.6528, 63.8447



57.2716, 53.6528, 54.6068

Triad

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



57.1334, 53.6528, 63.8447



49.6464, 53.6528, 42.7835



46.5832, 53.6528, 71.2794

Complementary

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



57.1334, 53.6528, 63.8447



55.5261, 65.0250, 64.2711

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.



45.1953, 53.6528, 62.4042



57.1334, 53.6528, 63.8447



46.9132, 53.6528, 46.3428

Square

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



57.1334, 53.6528, 63.8447



52.8563, 53.6528, 43.0820



45.3135, 53.6528, 53.3093



49.1786, 53.6528, 77.0216

Rectangle

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



57.1334, 53.6528, 63.8447



56.3800, 53.6528, 49.3579



45.3135, 53.6528, 53.3093



45.9650, 53.6528, 68.5257

Sweetspot

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



57.1349, 53.6552, 63.8458



90.1921, 91.7634, 102.7208



53.6814, 51.6430, 74.1574



19.1637, 19.4027, 21.8047



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.



57.1349, 53.6552, 63.8458



78.1304, 71.5425, 86.6690



55.1922, 52.8781, 53.6154



13.3502, 13.1692, 15.1052



19.3481, 9.7403, 11.4790



1.2968, 0.6483, 0.9717

Inverse Universe

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



57.1349, 53.6552, 63.8458



78.1304, 71.5425, 86.6690



57.6573, 65.8775, 75.4940



13.3502, 13.1692, 15.1052



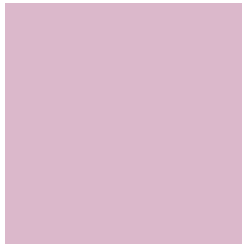
19.3481, 9.7403, 11.4790



1.2968, 0.6483, 0.9717

Previews

White Background



This preview shows how the XYZ color 57.1334, 53.6528, 63.8447 looks on a white background.

Color Contrast Check

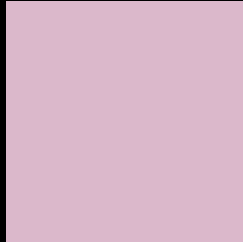
Large Text (above 18pt) WCAG AA × Fail

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 57.1334, 53.6528, 63.8447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

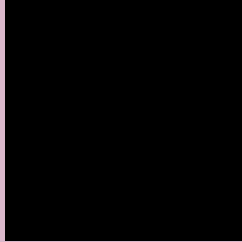
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1334, 53.6528, 63.8447

Background



This preview shows how black text looks on a background with the XYZ color 57.1334, 53.6528, 63.8447.



This preview shows how white text looks on a background with the XYZ color 57.1334, 53.6528,

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

57.1334, 53.6528, 63.8447

Protanopia

52.4474, 54.0315, 67.3393

Deuteranopia

54.9384, 53.7860, 63.3633



Tritanopia

56.5712, 53.7269, 61.4215

Trichromacy



Original Color

57.1334, 53.6528, 63.8447

Protanomaly

53.9112, 53.8397, 65.9432

Deuteranomaly

55.8716, 53.9510, 63.3460

Tritanomaly

56.6877, 53.7735, 62.0351

Monochromacy



Original Color

57.1334, 53.6528, 63.8447

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.3353, 54.8019, 61.7469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1334, 53.6528, 63.8447 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(219, 184, 203) looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 203)  
}
```

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(219, 184, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.1334, 53.6528, 63.8447 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(219, 184, 203) }
```


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

```
.border{ border-color:rgb(219, 184, 203) }
```

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

Here you see how a box with a 4 pixel rgb(219, 184, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 203);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1334, 53.6528, 63.8447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 203) }
```

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

```
.background{ background-color: rgb(219,  
184, 203) }
```

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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