

# Converting Colors

XYZ(53.8189, 52.9424, 65.8143)

Have a look what the booklet for  
XYZ(53.8189, 52.9424, 65.8143)  
contains.

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# Color

**XYZ(53.8127, 52.8342,  
65.7543)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCBBCE
RGB	204, 187, 206
RGB Percent	80%, 73%, 81%
CMY	0.2000, 0.2666, 0.1922
CMYK	0.01, 0.09, 0.00, 0.19
HSL	294°, 16%, 77%
HSV	294°, 9%, 81%
XYZ	53.8127, 52.8342, 65.7543
YIQ	194.2490, 4.0330, 9.5130

# Conversions

## Conversions Part 2

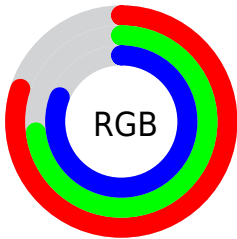
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 187, 206
Decimal	13417422
CIE <sub>Lab</sub>	77.78, 9.43, -7.37
CIE <sub>LCh</sub>	78, 11.963, 321.989
Yxy	52.8342, 0.3121, 0.3065
Android (android.graphics.Color)	4291607502 (0xFFCCBBCE)
YUV	194.2490, 5.7932, 8.5516
Hunter-Lab	72.6871, 4.9470, -2.7540

# Details

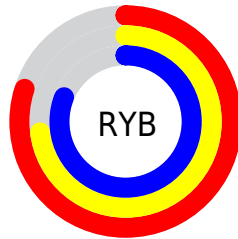
The XYZ color **53.8127, 52.8342, 65.7543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0291, 58.5507, 55.5755**, and the grayscale version is **51.3919, 54.0683, 58.8804**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **26.7703, 25.8012, 33.2750** is the 20% darker color. If you saturate the color by 10%, you get **49.1624, 44.4093, 64.3740**, and if you desaturate by 10%, it is **59.1012, 62.5217, 67.3462**.

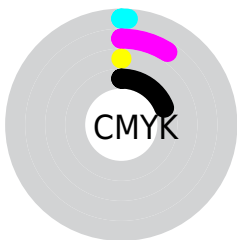
# Distribution



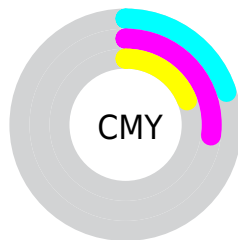
- Red (80%)
- Green (73%)
- Blue (81%)



- Red (80%)
- Yellow (73%)
- Blue (81%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (27%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8127, 52.8342, 65.7543 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 53.8127, 52.8342, 65.7543 by changing the saturation by 10% instead.



■ 53.8127, 52.8342,  
65.7543

■ 53.8127, 52.8342,  
65.7543

391.6054,  
397.6487, 463.8779

■ 38.6820, 37.6704,  
47.6178

■ 94.9577, 94.3604,  
114.7573

■ 26.6921, 25.7270,  
33.1664

121.7027,  
121.4915, 146.4607

■ 17.4775, 16.6195,  
21.9818

153.0499,  
153.3806, 183.5236

■ 10.6729, 9.9636,  
13.6454

189.3645,  
190.4120, 226.3644

■ 5.9130, 5.3748,  
7.7385

231.0121,  
232.9701, 275.4017

■ 2.8324, 2.4688,  
3.8427

278.3578,

■ 1.0658, 0.8610,

281.4394, 331.0540

1.5395

331.7671,  
336.2041, 393.7399

■ 0.0000, 0.0000,  
0.2471

■ 0.0000, 0.0000,  
0.0000

■ 53.8127, 52.8342,  
65.7543

■ 53.8127, 52.8342,  
65.7543

■ 49.1624, 44.4093,  
64.3740

■ 59.1012, 62.5217,  
67.3462

■ 45.1192, 37.1869,  
63.1931

■ 65.0483, 73.5150,  
69.1547

■ 41.6561, 31.1126,  
62.2031

■ 71.6793, 85.8634,  
71.1887

■ 38.7422, 26.1246,  
61.3939

■ 74.2475, 90.0741,  
71.8661

36.3439, 22.1558,  
60.7543

74.8796, 90.3999,  
71.8957

34.4238, 19.1311,  
60.2716

75.5201, 90.7301,  
71.9256

32.9392, 16.9656,  
59.9319

76.1691, 91.0647,  
71.9560

31.8399, 15.5588,  
59.7183

76.8266, 91.4036,  
71.9868

31.0411, 14.7412,  
59.6026

77.4926, 91.7470,  
72.0179

# Harmonies

## Analogous

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



51.9053, 52.8342, 70.1982



53.8127, 52.8342, 65.7543



54.7630, 52.8342, 59.3253

# Triad

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



53.8127, 52.8342, 65.7543



50.8412, 52.8342, 45.7870



46.1956, 52.8342, 62.4422

# Complementary

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



53.8127, 52.8342, 65.7543



52.0291, 58.5507, 55.5755

# 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.



45.9305, 52.8342, 55.7663



53.8127, 52.8342, 65.7543



48.5663, 52.8342, 46.4812

# Square

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



53.8127, 52.8342, 65.7543



53.0132, 52.8342, 48.0420



46.7858, 52.8342, 50.0171



47.5215, 52.8342, 68.1858



# Rectangle

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



53.8127, 52.8342, 65.7543



54.7060, 52.8342, 54.9156



46.7858, 52.8342, 50.0171



45.9811, 52.8342, 60.2209

# Sweetspot

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



53.8142, 52.8365, 65.7554



92.3622, 95.0634, 108.0888



49.8805, 51.5120, 65.7071



19.6191, 20.0721, 23.0902



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.



53.8142, 52.8365, 65.7554



85.6673, 82.8350, 106.0813



53.5015, 52.7751, 61.2288



11.5667, 11.3414, 14.1499



19.1271, 9.0679, 36.6984



1.0210, 0.4854, 1.8948



# Inverse Universe

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



52.4111, 52.3389, 55.4868



82.9647, 81.8785, 86.2230



52.3361, 58.6165, 59.7636



11.2595, 11.2325, 11.9013



15.7783, 8.1219, 1.2850



0.8306, 0.4257, 0.1540



# Previews

## White Background



This preview shows how the XYZ color 53.8127, 52.8342, 65.7543 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

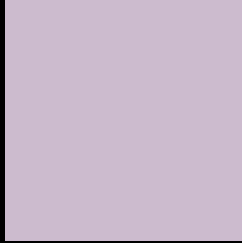
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.8127, 52.8342, 65.7543 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

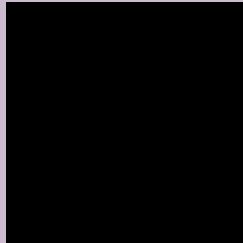
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 53.8127, 52.8342, 65.7543**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.8127, 52.8342, 65.7543.



This preview shows how white text looks on a background with the XYZ color 53.8127, 52.8342,



# 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

53.8127, 52.8342, 65.7543

### Protanopia

51.5018, 52.8920, 67.1693

### Deuteranopia

54.0877, 52.9760, 65.7672



## Tritanopia

53.2725, 52.9272, 63.2853

# Trichromacy



## Original Color

53.8127, 52.8342, 65.7543

## Protanomaly

52.4409, 53.0677, 66.5106

## Deuteranomaly

54.0877, 52.9760, 65.7672

## Tritanomaly

53.3913, 52.9747, 63.9110

# Monochromacy



## Original Color

53.8127, 52.8342, 65.7543

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

52.1125, 53.3446, 60.9760

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.8127, 52.8342, 65.7543 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(204, 187, 206)` looks like.

```
.text, #text, p{  
    color:rgb(204, 187, 206)  
}
```

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(204, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 187, 206) }
```

## Border

The CSS property to change the border of an element to XYZ 53.8127, 52.8342, 65.7543 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(204, 187, 206) }
```



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

```
.border{ border-color:rgb(204, 187, 206) }
```

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

Here you see how a box with a 4 pixel rgb(204, 187, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(204, 187,  
206) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.8127, 52.8342, 65.7543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 187, 206) }
```

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

```
.background{ background-color: rgb(204,  
187, 206) }
```

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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