

Converting Colors

XYZ(53.6108, 53.7906, 62.8198)

Have a look what the booklet for
XYZ(53.6108, 53.7906, 62.8198)
contains.

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Color

**XYZ(53.5847, 53.7405,
62.8071)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBEC9
RGB	203, 190, 201
RGB Percent	80%, 75%, 79%
CMY	0.2039, 0.2549, 0.2118
CMYK	0.00, 0.06, 0.01, 0.20
HSL	309°, 11%, 77%
HSV	309°, 6%, 80%
XYZ	53.5847, 53.7405, 62.8071
YIQ	195.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

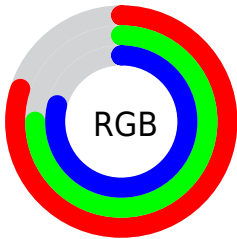
Format	Color
R _Y B	203, 190, 201
Decimal	13352649
CIE Lab	78.31, 6.54, -3.88
CIE LCh	78, 7.608, 329.309
Yxy	53.7405, 0.3150, 0.3159
Android (android.graphics.Color)	4291542729 (0xFFCBBEC9)
YUV	195.1410, 2.8885, 6.8923
Hunter-Lab	73.3079, 2.1864, 0.5184

Details

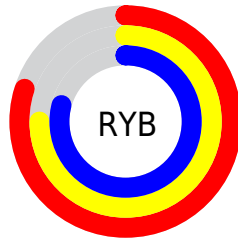
The XYZ color **53.5847, 53.7405, 62.8071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1076, 57.4663, 58.2177**, and the grayscale version is **51.9387, 54.6435, 59.5068**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **26.6065, 26.3875, 31.2947** is the 20% darker color. If you saturate the color by 10%, you get **49.1273, 45.4071, 59.5271**, and if you desaturate by 10%, it is **58.6651, 63.3063, 66.3329**.

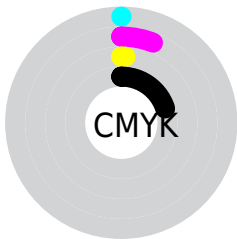
Distribution



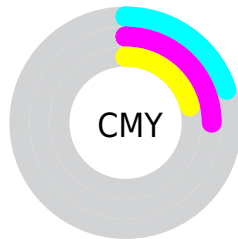
- Red (80%)
- Green (75%)
- Blue (79%)



- Red (80%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5847, 53.7405, 62.8071 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 53.5847, 53.7405, 62.8071 by changing the saturation by 10% instead.

■ 53.5847, 53.7405,
62.8071

■ 53.5847, 53.7405,
62.8071

390.7486,
401.1197, 452.9577

■ 38.4991, 38.3942,
45.2452

■ 94.6247, 95.6931,
110.4741

■ 26.5492, 26.2888,
31.3062

121.3097,
123.0683, 141.4162

■ 17.3698, 17.0398,
20.5717

152.5920,
155.2218, 177.6554

■ 10.5954, 10.2629,
12.6231

188.8368,
192.5382, 219.6104

■ 5.8608, 5.5736,
7.0419

230.4095,
235.4018, 267.6995

■ 2.8005, 2.5876,
3.4095

277.6755,

■ 1.0491, 0.9204,

284.1970, 322.3414

1.3073

331.0000,
339.3081, 383.9547

■ 0.0000, 0.0000,
0.0678

■ 0.0000, 0.0000,
0.0000

■ 53.5847, 53.7405,
62.8071

■ 53.5847, 53.7405,
62.8071

■ 49.1273, 45.4071,
59.5271

■ 58.6651, 63.3063,
66.3329

■ 45.2630, 38.2488,
56.4809

■ 64.3875, 74.1449,
70.1092

■ 41.9664, 32.2141,
53.6603

■ 70.7760, 86.3036,
74.1448

■ 39.2085, 27.2450,
51.0555

■ 72.4624, 89.0461,
76.6506

36.9575, 23.2781,
48.6557

72.8641, 89.2068,
78.7658

35.1786, 20.2437,
46.4490

73.2735, 89.3705,
80.9215

33.8322, 18.0628,
44.4221

73.6906, 89.5373,
83.1180

32.8723, 16.6435,
42.5593

74.1155, 89.7073,
85.3554

32.2400, 15.8680,
40.8408

74.5482, 89.8804,
87.6339

Harmonies

Analogous

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



52.4955, 53.7405, 65.9721



53.5847, 53.7405, 62.8071



54.0003, 53.7405, 58.6133

Triad

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



53.5847, 53.7405, 62.8071



51.1133, 53.7405, 50.6801



48.6187, 53.7405, 62.6275

Complementary

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



53.5847, 53.7405, 62.8071



52.1076, 57.4663, 58.2177

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.



48.2645, 53.7405, 58.4153



53.5847, 53.7405, 62.8071



49.6877, 53.7405, 51.6408

Square

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



53.5847, 53.7405, 62.8071



52.5565, 53.7405, 51.7320



48.6521, 53.7405, 54.4216



49.6290, 53.7405, 65.8649

Rectangle

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



53.5847, 53.7405, 62.8071



53.8332, 53.7405, 55.8403



48.6521, 53.7405, 54.4216



48.4198, 53.7405, 61.2723

Sweetspot

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



53.5862, 53.7428, 62.8083



93.3184, 96.7386, 107.7007



50.9208, 52.3414, 63.9198



19.9921, 20.7402, 23.0650



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.



53.5862, 53.7428, 62.8083



88.3825, 87.4673, 104.2044



52.8434, 53.4457, 58.8964



11.6105, 11.3729, 13.7493



20.4251, 9.9806, 25.7549



1.0743, 0.5231, 1.4369

Inverse Universe

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



53.5862, 53.7428, 62.8083



88.3825, 87.4673, 104.2044



52.8380, 57.7584, 62.0638



11.6105, 11.3729, 13.7493



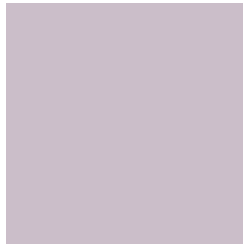
20.4251, 9.9806, 25.7549



1.0743, 0.5231, 1.4369

Previews

White Background



This preview shows how the XYZ color 53.5847, 53.7405, 62.8071 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 53.5847, 53.7405, 62.8071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

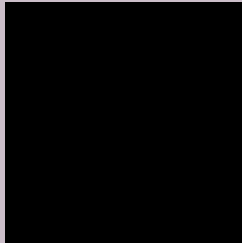
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5847, 53.7405, 62.8071

Background



This preview shows how black text looks on a background with the XYZ color 53.5847, 53.7405, 62.8071.



This preview shows how white text looks on a background with the XYZ color 53.5847, 53.7405,

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

53.5847, 53.7405, 62.8071

Protanopia

52.3551, 54.0538, 64.1739

Deuteranopia

54.8203, 53.7388, 62.7416



Tritanopia

53.9985, 53.5922, 64.6250

Trichromacy



Original Color

53.5847, 53.7405, 62.8071

Protanomaly

52.7990, 53.9693, 63.5114

Deuteranomaly

54.4723, 53.8776, 62.7868

Tritanomaly

53.8789, 53.5444, 63.9953

Monochromacy



Original Color

53.5847, 53.7405, 62.8071

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.4367, 54.1769, 60.5168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5847, 53.7405, 62.8071 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(203, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(203, 190, 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(203, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 190, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.5847, 53.7405, 62.8071 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(203, 190, 201) }
```


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

```
.border{ border-color:rgb(203, 190, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 190, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(203, 190,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5847, 53.7405, 62.8071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 190, 201) }
```

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

```
.background{ background-color: rgb(203,  
190, 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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