

Converting Colors

XYZ(53.5704, 51.6870, 62.5587)

Have a look what the booklet for
XYZ(53.5704, 51.6870, 62.5587)
contains.

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Color

**XYZ(53.6955, 51.9079,
62.4475)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B8C9
RGB	208, 184, 201
RGB Percent	82%, 72%, 79%
CMY	0.1843, 0.2784, 0.2118
CMYK	0.00, 0.12, 0.03, 0.18
HSL	318°, 20%, 77%
HSV	318°, 12%, 82%
XYZ	53.6955, 51.9079, 62.4475
YIQ	193.1140, 8.8470, 10.3750

Conversions

Conversions Part 2

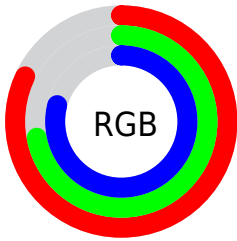
Format	Color
R _Y B	208, 184, 201
Decimal	13678793
CIE Lab	77.23, 11.50, -5.43
CIE LCh	77, 12.720, 334.709
Yxy	51.9079, 0.3195, 0.3089
Android (android.graphics.Color)	4291868873 (0xFFD0B8C9)
YUV	193.1140, 3.8878, 13.0550
Hunter-Lab	72.0471, 6.9505, -0.9571

Details

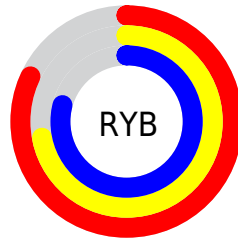
The XYZ color **53.6955, 51.9079, 62.4475** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7290, 59.0651, 57.9673**, and the grayscale version is **50.7310, 53.3730, 58.1232**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **26.7092, 25.2092, 31.0619** is the 20% darker color. If you saturate the color by 10%, you get **48.9891, 43.6143, 57.4268**, and if you desaturate by 10%, it is **59.0683, 61.4878, 67.8307**.

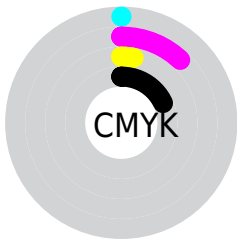
Distribution



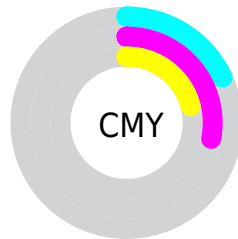
- Red (82%)
- Green (72%)
- Blue (79%)



- Red (82%)
- Yellow (72%)
- Blue (79%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6955, 51.9079, 62.4475 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 53.6955, 51.9079, 62.4475 by changing the saturation by 10% instead.

■ 53.6955, 51.9079,
62.4475

■ 53.6955, 51.9079,
62.4475

391.1651,
394.0809, 451.6142

■ 38.5880, 36.9317,
44.9563

■ 94.7865, 92.9954,
109.9499

■ 26.6186, 25.1546,
31.0803

121.5007,
119.8755, 140.7981

■ 17.4221, 16.1923,
20.4010

152.8145,
151.4922, 176.9358

■ 10.6331, 9.6603,
12.4999

189.0933,
188.2302, 218.7814

■ 5.8861, 5.1743,
6.9584

230.7024,
230.4736, 266.7535

■ 2.8160, 2.3499,
3.3581

278.0072,

■ 1.0572, 0.7999,

278.6069, 321.2706

1.2802

331.3729,
333.0146, 382.7514

■ 0.0000, 0.0000,
0.0455

■ 0.0000, 0.0000,
0.0000

■ 53.6955, 51.9079,
62.4475

■ 53.6955, 51.9079,
62.4475

■ 48.9891, 43.6143,
57.4268

■ 59.0683, 61.4878,
67.8307

■ 44.9168, 36.5450,
52.7544

■ 65.1294, 72.3993,
73.5833

■ 41.4501, 30.6427,
48.4198

■ 71.9050, 84.6936,
79.7164

■ 38.5565, 25.8431,
44.4106

■ 75.4004, 90.3811,
84.8998

■ 36.2003, 22.0755,
40.7131

■ 76.2445, 90.7188,
89.3446

■ 34.3420, 19.2609,
37.3124

■ 77.1183, 91.0683,
93.9460

■ 32.9360, 17.3091,
34.1917

■ 78.0221, 91.4298,
98.7055

■ 31.9280, 16.1121,
31.3311

■ 78.9563, 91.8035,
103.6246

■ 31.3048, 15.5269,
29.0849

■ 79.8227, 92.1501,
108.1874

Harmonies

Analogous

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



52.0531, 51.9079, 68.2827



53.6955, 51.9079, 62.4475



54.1553, 51.9079, 55.4245

Triad

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



53.6955, 51.9079, 62.4475



48.9533, 51.9079, 44.1728



45.5847, 51.9079, 64.5088

Complementary

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



53.6955, 51.9079, 62.4475



51.7290, 59.0651, 57.9673

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.



44.8132, 51.9079, 57.6275



53.6955, 51.9079, 62.4475



46.7169, 51.9079, 46.1903

Square

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



53.6955, 51.9079, 62.4475



51.3658, 51.9079, 45.2341



45.2208, 51.9079, 50.9779



47.3622, 51.9079, 69.5398

Rectangle

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



53.6955, 51.9079, 62.4475



53.7168, 51.9079, 51.0935



45.2208, 51.9079, 50.9779



45.2018, 51.9079, 62.3154

Sweetspot

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



53.6970, 51.9102, 62.4486



92.3006, 95.0729, 106.2213



49.9634, 49.8881, 66.6713



19.6025, 20.0747, 22.5845



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.



53.6970, 51.9102, 62.4486



83.0681, 78.6470, 96.8574



52.3617, 51.3761, 55.4171



12.1577, 11.9478, 14.1062



19.5545, 9.6946, 18.3581



1.1270, 0.5555, 1.2036

Inverse Universe

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



53.6970, 51.9102, 62.4486



83.0681, 78.6470, 96.8574



53.0804, 59.6056, 65.0836



12.1577, 11.9478, 14.1062



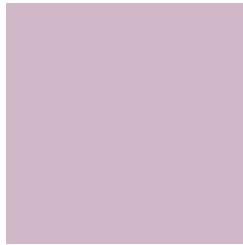
19.5545, 9.6946, 18.3581



1.1270, 0.5555, 1.2036

Previews

White Background



This preview shows how the XYZ color 53.6955, 51.9079, 62.4475 looks on a white background.

Color Contrast Check

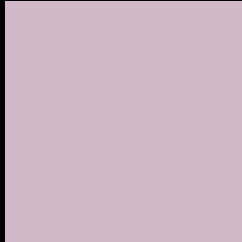
Large Text (above 18pt) WCAG AA × Fail

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 53.6955, 51.9079, 62.4475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

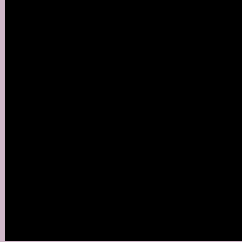
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6955, 51.9079, 62.4475

Background



This preview shows how black text looks on a background with the XYZ color 53.6955, 51.9079, 62.4475.



This preview shows how white text looks on a background with the XYZ color 53.6955, 51.9079,

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

53.6955, 51.9079, 62.4475

Protanopia

50.5477, 52.1337, 64.5254

Deuteranopia

53.0684, 51.8941, 62.4779



Tritanopia

53.4617, 51.8144, 61.2163

Trichromacy



Original Color

53.6955, 51.9079, 62.4475

Protanomaly

51.7887, 52.1486, 63.8360

Deuteranomaly

53.3452, 52.0368, 62.4908

Tritanomaly

53.5782, 51.8610, 61.8299

Monochromacy



Original Color

53.6955, 51.9079, 62.4475

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 53.6955, 51.9079, 62.4475 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(208, 184, 201)` looks like.

```
.text, #text, p{  
    color:rgb(208, 184, 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(208, 184, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 184, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.6955, 51.9079, 62.4475 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(208, 184, 201) }
```


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

```
.border{ border-color:rgb(208, 184, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 184, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 184, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 184, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 184,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6955, 51.9079, 62.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 184, 201) }
```

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

```
.background{ background-color: rgb(208,  
184, 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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