

Converting Colors

XYZ(55.5289, 51.9344, 62.6276)

Have a look what the booklet for
XYZ(55.5289, 51.9344, 62.6276)
contains.

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Color

**XYZ(55.3854, 51.8637,
62.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B5C9
RGB	216, 181, 201
RGB Percent	85%, 71%, 79%
CMY	0.1529, 0.2902, 0.2118
CMYK	0.00, 0.16, 0.07, 0.15
HSL	326°, 31%, 78%
HSV	326°, 16%, 85%
XYZ	55.3854, 51.8637, 62.3499
YIQ	193.7450, 14.4400, 13.6400

Conversions

Conversions Part 2

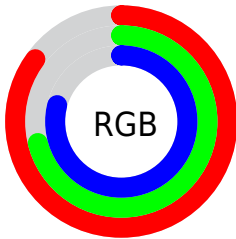
Format	Color
R _Y B	216, 181, 201
Decimal	14202313
CIE Lab	77.20, 15.91, -5.39
CIE LCh	77, 16.796, 341.270
Yxy	51.8637, 0.3266, 0.3058
Android (android.graphics.Color)	4292392393 (0xFFD8B5C9)
YUV	193.7450, 3.5767, 19.5176
Hunter-Lab	72.0165, 11.2495, -0.9202

Details

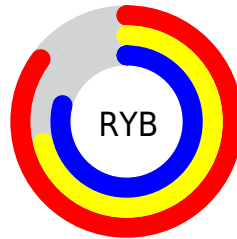
The XYZ color **55.3854, 51.8637, 62.3499** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.5778, 62.9225, 61.5489**, and the grayscale version is **51.1023, 53.7635, 58.5485**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **27.6836, 25.1220, 30.9937** is the 20% darker color. If you saturate the color by 10%, you get **50.2731, 43.3293, 55.4337**, and if you desaturate by 10%, it is **61.2473, 61.7908, 69.8411**.

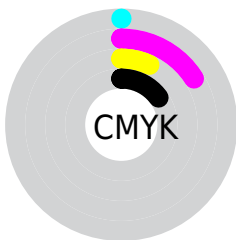
Distribution



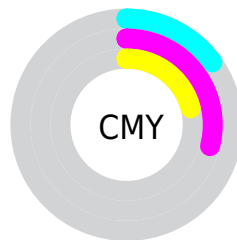
- Red (85%)
- Green (71%)
- Blue (79%)



- Red (85%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3854, 51.8637, 62.3499 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 55.3854, 51.8637, 62.3499 by changing the saturation by 10% instead.


 55.3854, 51.8637,
62.3499

 55.3854, 51.8637,
62.3499


397.4839,
393.9102, 451.2491

 39.9454, 36.8964,
44.8779


 97.2504, 92.9302,
109.8076

 27.6800, 25.1273,
31.0190


124.4062,
119.7982, 140.6303

 18.2238, 16.1719,
20.3547


156.1980,
151.4020, 176.7403

 11.2115, 9.6459,
12.4665

192.9911,
188.1258, 218.5562

 6.2776, 5.1648,
6.9359

235.1508,
230.3542, 266.4965

 3.0569, 2.3443,
3.3442

283.0427,

 1.1839, 0.7970,

278.4714, 320.9797

1.2729

337.0319,
332.8620, 382.4244

■ 0.0936, 0.0000,
0.0395

■ 0.0000, 0.0000,
0.0000

■ 55.3854, 51.8637,
62.3499

■ 55.3854, 51.8637,
62.3499

■ 50.2731, 43.3293,
55.4337

■ 61.2473, 61.7908,
69.8411

■ 45.8734, 36.1176,
49.0727

■ 67.8846, 73.1626,
77.9195

■ 42.1530, 30.1630,
43.2506

■ 75.3274, 86.0369,
86.6013

■ 39.0739, 25.3917,
37.9486

■ 79.5169, 92.2942,
94.5387

■ 36.5942, 21.7216,
33.1468

■ 80.9129, 92.8526,
101.8901

■ 34.6666, 19.0606,
28.8231

■ 82.1293, 93.3391,
108.2953

■ 33.2363, 17.3009,
24.9525

■ 32.2349, 16.3078,
21.5054

■ 31.9207, 16.0397,
20.2903

Harmonies

Analogous

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



53.4868, 51.8637, 70.8531



55.3854, 51.8637, 62.3499



55.6107, 51.8637, 53.0803

Triad

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



55.3854, 51.8637, 62.3499



48.0964, 51.8637, 40.8238



44.7922, 51.8637, 68.9747

Complementary

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



55.3854, 51.8637, 62.3499



53.5778, 62.9225, 61.5489

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.



43.4763, 51.8637, 60.0026



55.3854, 51.8637, 62.3499



45.3280, 51.8637, 44.1796

Square

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



55.3854, 51.8637, 62.3499



51.3071, 51.8637, 41.3060



43.6681, 51.8637, 50.9733



47.3360, 51.8637, 74.9556

Rectangle

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



55.3854, 51.8637, 62.3499



54.7708, 51.8637, 47.7689



43.6681, 51.8637, 50.9733



44.1967, 51.8637, 66.1700

Sweetspot

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



55.3869, 51.8660, 62.3510



90.2491, 91.7862, 103.0206



51.5773, 49.6881, 71.8389



19.1776, 19.4082, 21.8776



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.



55.3869, 51.8660, 62.3510



78.3288, 71.6218, 87.7139



53.4876, 51.1063, 52.3496



12.7176, 12.5385, 14.4532



18.9487, 9.5158, 12.2996



1.1840, 0.5904, 0.9583

Inverse Universe

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



55.3869, 51.8660, 62.3510



78.3288, 71.6218, 87.7139



55.6344, 63.7451, 72.3791



12.7176, 12.5385, 14.4532



18.9487, 9.5158, 12.2996



1.1840, 0.5904, 0.9583

Previews

White Background



This preview shows how the XYZ color 55.3854, 51.8637, 62.3499 looks on a white background.

Color Contrast Check

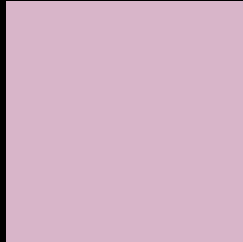
Large Text (above 18pt) WCAG AA × Fail

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 55.3854, 51.8637, 62.3499 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

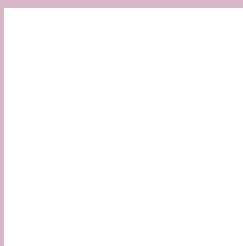
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3854, 51.8637, 62.3499

Background



This preview shows how black text looks on a background with the XYZ color 55.3854, 51.8637, 62.3499.



This preview shows how white text looks on a background with the XYZ color 55.3854, 51.8637,

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

55.3854, 51.8637, 62.3499

Protanopia

50.7892, 52.2303, 65.7971

Deuteranopia

52.9511, 51.8472, 61.8603



Tritanopia

54.7161, 51.8885, 59.3562

Trichromacy



Original Color

55.3854, 51.8637, 62.3499

Protanomaly

52.2226, 52.0424, 64.4195

Deuteranomaly

53.8603, 52.0064, 61.8431

Tritanomaly

54.9453, 51.9802, 60.5633

Monochromacy



Original Color

55.3854, 51.8637, 62.3499

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.6328, 52.9830, 60.2760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3854, 51.8637, 62.3499 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(216, 181, 201)` looks like.

```
.text, #text, p{  
    color:rgb(216, 181, 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(216, 181, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 181, 201) }
```

Border

The CSS property to change the border of an element to XYZ 55.3854, 51.8637, 62.3499 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(216, 181, 201) }
```


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

```
.border{ border-color:rgb(216, 181, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 181, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 181, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 181, 201);  
box-shadow:4px 4px 4px 4px rgb(216, 181,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3854, 51.8637, 62.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 181, 201) }
```

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

```
.background{ background-color: rgb(216,  
181, 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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