

Converting Colors

XYZ(51.7705, 50.9155, 62.3574)

Have a look what the booklet for
XYZ(51.7705, 50.9155, 62.3574)
contains.

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Color

**XYZ(51.7705, 50.9155,
62.3574)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B8C9
RGB	201, 184, 201
RGB Percent	79%, 72%, 79%
CMY	0.2118, 0.2784, 0.2118
CMYK	0.00, 0.08, 0.00, 0.21
HSL	300°, 14%, 75%
HSV	300°, 8%, 79%
XYZ	51.7705, 50.9155, 62.3574
YIQ	191.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

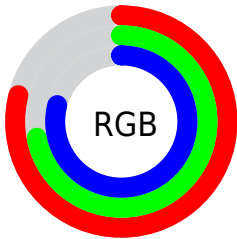
Format	Color
R_{YB}	201, 184, 201
Decimal	13220041
CIE Lab	76.63, 9.08, -6.39
CIE LCh	77, 11.099, 324.880
Yxy	50.9155, 0.3137, 0.3085
Android (android.graphics.Color)	4291410121 (0xFFC9B8C9)
YUV	191.0210, 4.9196, 8.7516
Hunter-Lab	71.3551, 4.6363, -1.8651

Details

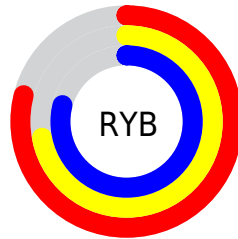
The XYZ color **51.7705, 50.9155, 62.3574** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3075, 55.4258, 53.4495**, and the grayscale version is **49.5051, 52.0833, 56.7187**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **25.4154, 24.5422, 31.0014** is the 20% darker color. If you saturate the color by 10%, you get **47.8889, 43.1515, 61.0640**, and if you desaturate by 10%, it is **56.2483, 59.8704, 63.8508**.

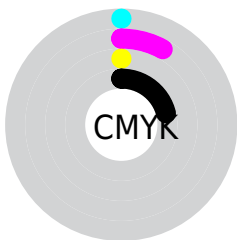
Distribution



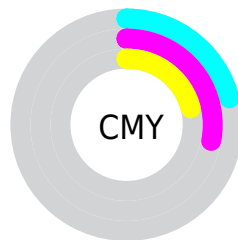
- Red (79%)
- Green (72%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7705, 50.9155, 62.3574 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 51.7705, 50.9155, 62.3574 by changing the saturation by 10% instead.

■ 51.7705, 50.9155,
62.3574

■ 51.7705, 50.9155,
62.3574

383.8885,
390.2354, 451.2772

■ 37.0457, 36.1414,
44.8839

■ 91.9689, 91.5299,
109.8185

■ 25.4167, 24.5434,
31.0237

118.1733,
118.1389, 140.6432

■ 16.5182, 15.7372,
20.3583

148.9348,
149.4616, 176.7554

■ 9.9847, 9.3384,
12.4691

184.6190,
185.8825, 218.5735

■ 5.4510, 4.9625,
6.9376

225.5911,
227.7859, 266.5163

■ 2.5517, 2.2253,
3.3452

272.2164,

■ 0.9214, 0.7337,

275.5563, 321.0021

1.2735

324.8605,
329.5780, 382.4495

■ 0.0000, 0.0000,
0.0399

■ 0.0000, 0.0000,
0.0000

■ 51.7705, 50.9155,
62.3574

■ 51.7705, 50.9155,
62.3574

■ 47.8889, 43.1515,
61.0640

■ 56.2483, 59.8704,
63.8508

■ 44.5741, 36.5221,
59.9589

■ 61.3414, 70.0563,
65.5486

■ 41.8011, 30.9760,
59.0344

■ 67.0732, 81.5199,
67.4594

■ 39.5410, 26.4559,
58.2809

■ 70.3907, 88.1549,
68.5654

37.7623, 22.8986,
57.6878

70.3907, 88.1549,
68.5655

36.4303, 20.2346,
57.2437

70.3907, 88.1549,
68.5657

35.5053, 18.3846,
56.9352

70.3908, 88.1549,
68.5659

34.9407, 17.2556,
56.7468

70.3908, 88.1549,
68.5660

34.6639, 16.7021,
56.6544

70.3908, 88.1549,
68.5662

Harmonies

Analogous

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



50.1116, 50.9155, 66.5993



51.7705, 50.9155, 62.3574



52.5259, 50.9155, 56.4763

Triad

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



51.7705, 50.9155, 62.3574



48.7547, 50.9155, 44.7043



44.8238, 50.9155, 60.4448

Complementary

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



51.7705, 50.9155, 62.3574



49.3075, 55.4258, 53.4495

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.



44.4841, 50.9155, 54.4131



51.7705, 50.9155, 62.3574



46.7154, 50.9155, 45.5996

Square

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



51.7705, 50.9155, 62.3574



50.7529, 50.9155, 46.5112



45.1669, 50.9155, 49.0510



46.1087, 50.9155, 65.4404

Rectangle

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



51.7705, 50.9155, 62.3574



52.4000, 50.9155, 52.5228



45.1669, 50.9155, 49.0510



44.5969, 50.9155, 58.4598

Sweetspot

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



51.7720, 50.9177, 62.3585



92.6579, 95.2158, 108.1025



47.4525, 48.6909, 62.1565



19.6992, 20.1134, 23.0939



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.



51.7720, 50.9177, 62.3585



87.4478, 84.7957, 106.3657



50.7995, 50.5287, 57.2375



11.0831, 10.8166, 13.4211



21.7738, 10.4591, 35.6145



1.0310, 0.4952, 1.6864

Inverse Universe

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



51.7720, 50.9177, 62.3585



87.4478, 84.7957, 106.3657



50.2255, 55.7930, 58.2838



11.0831, 10.8166, 13.4211



21.7738, 10.4591, 35.6145



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 51.7705, 50.9155, 62.3574 looks on a white background.

Color Contrast Check

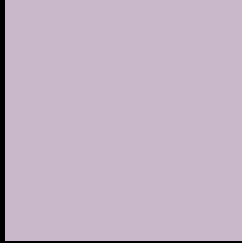
Large Text (above 18pt) WCAG AA × Fail

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 51.7705, 50.9155, 62.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

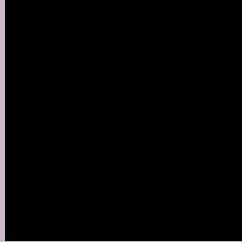
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7705, 50.9155, 62.3574

Background



This preview shows how black text looks on a background with the XYZ color 51.7705, 50.9155, 62.3574.



This preview shows how white text looks on a background with the XYZ color 51.7705, 50.9155,

62.3574.

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

51.7705, 50.9155, 62.3574

Protanopia

49.5017, 50.9696, 63.7290

Deuteranopia

52.0402, 51.0546, 62.3700



Tritanopia

51.5367, 50.8220, 61.1262

Trichromacy



Original Color

51.7705, 50.9155, 62.3574

Protanomaly

50.4233, 51.1424, 63.0910

Deuteranomaly

52.0402, 51.0546, 62.3700

Tritanomaly

51.6532, 50.8686, 61.7398

Monochromacy



Original Color

51.7705, 50.9155, 62.3574

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.3392, 51.5087, 58.9188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7705, 50.9155, 62.3574 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(201, 184, 201) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 51.7705, 50.9155, 62.3574 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(201, 184, 201) }
```


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

```
.border{ border-color:rgb(201, 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(201, 184, 201)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 51.7705, 50.9155, 62.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(201,  
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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