

Converting Colors

XYZ(55.7239, 55.9234, 63.6008)

Have a look what the booklet for
XYZ(55.7239, 55.9234, 63.6008)
contains.

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Color

**XYZ(55.7431, 55.8141,
63.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C1CA
RGB	208, 193, 202
RGB Percent	82%, 76%, 79%
CMY	0.1843, 0.2431, 0.2078
CMYK	0.00, 0.07, 0.03, 0.18
HSL	324°, 14%, 79%
HSV	324°, 7%, 82%
XYZ	55.7431, 55.8141, 63.7123
YIQ	198.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

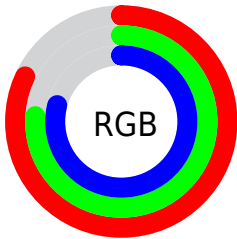
Format	Color
R_{YB}	208, 193, 202
Decimal	13681098
CIE _{Lab}	79.51, 6.85, -2.61
CIE _{LCh}	80, 7.334, 339.120
Yxy	55.8141, 0.3180, 0.3184
Android (android.graphics.Color)	4291871178 (0xFFD0C1CA)
YUV	198.5110, 1.7201, 8.3219
Hunter-Lab	74.7088, 2.4452, 1.7332

Details

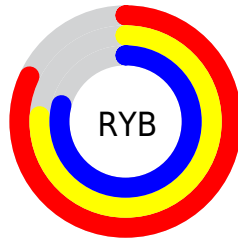
The XYZ color **55.7431, 55.8141, 63.7123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8592, 60.5743, 62.8365**, and the grayscale version is **53.9761, 56.7871, 61.8411**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **27.9043, 27.4734, 31.8491** is the 20% darker color. If you saturate the color by 10%, you get **50.5059, 46.8738, 57.2357**, and if you desaturate by 10%, it is **61.6833, 66.0739, 70.6868**.

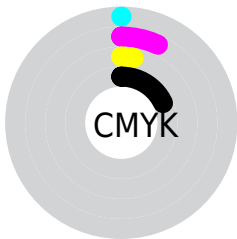
Distribution



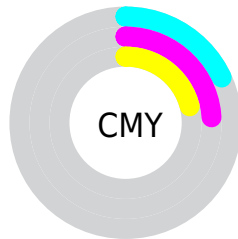
- Red (82%)
- Green (76%)
- Blue (79%)



- Red (82%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7431, 55.8141, 63.7123 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 55.7431, 55.8141, 63.7123 by changing the saturation by 10% instead.

■ 55.7431, 55.8141,
63.7123

■ 55.7431, 55.8141,
63.7123

398.8134,
408.9905, 456.3289

■ 40.2332, 40.0539,
45.9730

■ 97.7709, 98.7327,
111.7920

■ 27.9054, 27.5806,
31.8760

125.0194,
126.6599, 142.9694

■ 18.3945, 18.0097,
21.0028

156.9115,
159.4116, 179.4634

■ 11.3350, 10.9570,
12.9348

193.8126,
197.3721, 221.6923

■ 6.3616, 6.0379,
7.2534

236.0880,
240.9259, 270.0748

■ 3.1089, 2.8681,
3.5403

284.1030,

■ 1.2116, 1.0633,

290.4572, 325.0293

1.3767

338.2230,
346.3507, 386.9745

■ 0.1155, 0.0000,
0.1234

■ 0.0000, 0.0000,
0.0000

■ 55.7431, 55.8141,
63.7123

■ 55.7431, 55.8141,
63.7123

■ 50.5059, 46.8738,
57.2357

■ 61.6833, 66.0739,
70.6868

■ 45.9394, 39.1917,
51.2402

■ 68.3478, 77.6968,
78.1682

■ 42.0154, 32.7124,
45.7127

■ 75.6335, 90.4744,
86.1268

■ 38.7021, 27.3736,
40.6385

■ 76.8102, 90.9451,
92.3230

■ 35.9649, 23.1073,
36.0015

■ 78.0432, 91.4382,
98.8157

■ 33.7654, 19.8383,
31.7845

■ 79.3331, 91.9542,
105.6087

■ 32.0602, 17.4814,
27.9683

■ 79.8228, 92.1501,
108.1874

■ 30.7988, 15.9371,
24.5312

■ 29.9132, 15.0710,
21.4457

Harmonies

Analogous

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



54.8588, 55.8141, 67.2920



55.7431, 55.8141, 63.7123



55.8986, 55.8141, 59.4940

Triad

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



55.7431, 55.8141, 63.7123



52.6015, 55.8141, 53.1020



50.8802, 55.8141, 66.0408

Complementary

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



55.7431, 55.8141, 63.7123



54.8592, 60.5743, 62.8365

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.



50.2991, 55.8141, 62.0683



55.7431, 55.8141, 63.7123



51.2807, 55.8141, 54.6875

Square

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



55.7431, 55.8141, 63.7123



54.0666, 55.8141, 53.4965



50.4443, 55.8141, 57.9237



52.0455, 55.8141, 68.6791

Rectangle

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



55.7431, 55.8141, 63.7123



55.5653, 55.8141, 56.9054



50.4443, 55.8141, 57.9237



50.6110, 55.8141, 64.8100

Sweetspot

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



55.7447, 55.8165, 63.7135



93.1177, 96.6583, 106.6438



54.0105, 54.8388, 67.4137



19.9513, 20.7239, 22.8499



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.



55.7447, 55.8165, 63.7135



86.7173, 85.6440, 99.0025



54.8783, 55.4699, 59.1509



12.1022, 11.9256, 13.8139



18.5595, 9.2966, 13.1185



1.0764, 0.5353, 0.9369

Inverse Universe

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



55.7447, 55.8165, 63.7135



86.7173, 85.6440, 99.0025



55.7514, 60.9312, 67.5351



12.1022, 11.9256, 13.8139



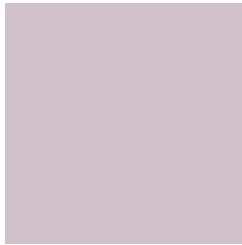
18.5595, 9.2966, 13.1185



1.0764, 0.5353, 0.9369

Previews

White Background



This preview shows how the XYZ color 55.7431, 55.8141, 63.7123 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 55.7431, 55.8141, 63.7123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

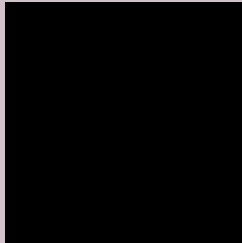
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7431, 55.8141, 63.7123

Background



This preview shows how black text looks on a background with the XYZ color 55.7431, 55.8141, 63.7123.



This preview shows how white text looks on a background with the XYZ color 55.7431, 55.8141,

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

55.7431, 55.8141, 63.7123

Protanopia

54.1922, 55.9816, 65.0760

Deuteranopia

57.0230, 55.8220, 63.6464



Tritanopia

56.4066, 55.7596, 66.8212

Trichromacy



Original Color

55.7431, 55.8141, 63.7123

Protanomaly

54.6517, 55.8986, 64.4090

Deuteranomaly

56.6617, 55.9606, 63.6922

Tritanomaly

56.1636, 55.6624, 65.5414

Monochromacy



Original Color

55.7431, 55.8141, 63.7123

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.7487, 56.6592, 62.6943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7431, 55.8141, 63.7123 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, 193, 202) looks like.

```
.text, #text, p{  
    color:rgb(208, 193, 202)  
}
```

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, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 193, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.7431, 55.8141, 63.7123 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, 193, 202) }
```


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

```
.border{ border-color:rgb(208, 193, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 193, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 193, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 193, 202);  
box-shadow:4px 4px 4px 4px rgb(208, 193,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7431, 55.8141, 63.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 193, 202) }
```

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

```
.background{ background-color: rgb(208,  
193, 202) }
```

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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