

Converting Colors

XYZ(55.3471, 53.4430, 63.4002)

Have a look what the booklet for
XYZ(55.3471, 53.4430, 63.4002)
contains.

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Color

**XYZ(55.3710, 53.3791,
63.2620)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D4BACA |
| RGB | 212, 186, 202 |
| RGB Percent | 83%, 73%, 79% |
| CMY | 0.1686, 0.2706, 0.2078 |
| CMYK | 0.00, 0.12, 0.05, 0.17 |
| HSL | 323°, 23%, 78% |
| HSV | 323°, 12%, 83% |
| XYZ | 55.3710, 53.3791, 63.2620 |
| YIQ | 195.5980, 10.3600, 10.4880 |

Conversions

Conversions Part 2

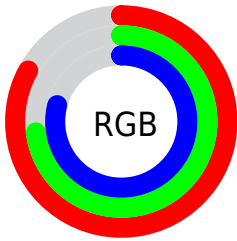
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 212, 186, 202 |
| Decimal | 13941450 |
| CIE Lab | 78.10, 12.00, -4.65 |
| CIE LCh | 78, 12.865, 338.814 |
| Yxy | 53.3791, 0.3219, 0.3103 |
| Android (android.graphics.Color) | 4292131530 (0xFFD4BACA) |
| YUV | 195.5980, 3.1562, 14.3846 |
| Hunter-Lab | 73.0610, 7.4237, -0.1953 |

Details

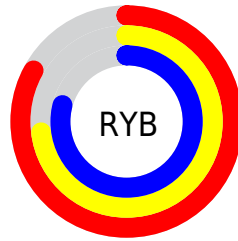
The XYZ color **55.3710, 53.3791, 63.2620** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7591, 61.5131, 61.2673**, and the grayscale version is **52.2073, 54.9261, 59.8146**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **27.6375, 26.0813, 31.5945** is the 20% darker color. If you saturate the color by 10%, you get **50.2921, 44.7253, 56.9306**, and if you desaturate by 10%, it is **61.1667, 63.3832, 70.0853**.

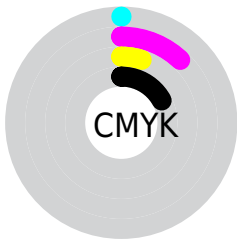
Distribution



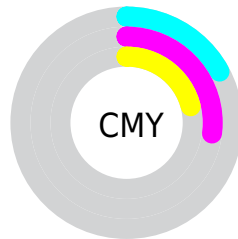
- Red (83%)
- Green (73%)
- Blue (79%)



- Red (83%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3710, 53.3791, 63.2620 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 55.3710, 53.3791, 63.2620 by changing the saturation by 10% instead.

■ 55.3710, 53.3791,
63.2620

■ 55.3710, 53.3791,
63.2620

397.4303,
399.7379, 454.6538

■ 39.9339, 38.1055,
45.6108

■ 97.2295, 95.1620,
111.1366

■ 27.6710, 26.0646,
31.5924

124.3815,
122.4400, 142.1972

■ 18.2170, 16.8720,
20.7881

156.1692,
154.4884, 178.5646

■ 11.2065, 10.1432,
12.7795

192.9580,
191.6914, 220.6575

■ 6.2742, 5.4940,
7.1479

235.1131,
234.4334, 268.8943

■ 3.0548, 2.5399,
3.4749

282.9999,

■ 1.1828, 0.8966,

283.0989, 323.6936

1.3420

336.9839,
338.0723, 385.4739

■ 0.0927, 0.0000,
0.0958

■ 0.0000, 0.0000,
0.0000

■ 55.3710, 53.3791,
63.2620

■ 55.3710, 53.3791,
63.2620

■ 50.2921, 44.7253,
56.9306

■ 61.1667, 63.3832,
70.0853

■ 45.8954, 37.3562,
51.0740

■ 67.7025, 74.7855,
77.4103

■ 42.1505, 31.2116,
45.6786

■ 75.0064, 87.6400,
85.2505

■ 39.0226, 26.2232,
40.7289

■ 77.8525, 91.4936,
91.8676

■ 36.4737, 22.3164,
36.2080

■ 79.0557, 91.9748,
98.2034

■ 34.4613, 19.4073,
32.0975

■ 80.3136, 92.4780,
104.8273

■ 32.9367, 17.4000,
28.3767

■ 80.9618, 92.7373,
108.2407

■ 31.8413, 16.1792,
25.0218

■ 31.2114, 15.6211,
22.6483

Harmonies

Analogous

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



53.8217, 53.3791, 69.5731



55.3710, 53.3791, 63.2620



55.6569, 53.3791, 56.0279

Triad

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



55.3710, 53.3791, 63.2620



49.9991, 53.3791, 45.5007



47.0658, 53.3791, 67.2246

Complementary

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



55.3710, 53.3791, 63.2620



53.7591, 61.5131, 61.2673

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.



46.1126, 53.3791, 60.2651



55.3710, 53.3791, 63.2620



47.7691, 53.3791, 47.9997

Square

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



55.3710, 53.3791, 63.2620



52.5000, 53.3791, 46.1589



46.3657, 53.3791, 53.2659



49.0105, 53.3791, 71.9889

Rectangle

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



55.3710, 53.3791, 63.2620



55.0838, 53.3791, 51.7085



46.3657, 53.3791, 53.2659



46.6218, 53.3791, 65.0423

Sweetspot

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



55.3725, 53.3814, 63.2631



91.2566, 93.4137, 104.5508



52.2010, 51.6051, 69.4978



19.3844, 19.7376, 22.2061



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.



55.3725, 53.3814, 63.2631



81.7592, 77.0652, 93.2272



53.9011, 52.7929, 55.5148



12.7412, 12.5480, 14.5772



19.3184, 9.6637, 14.2466



1.2051, 0.5988, 1.0693

Inverse Universe

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



55.3725, 53.3814, 63.2631



81.7592, 77.0652, 93.2272



55.2994, 62.1293, 69.3787



12.7412, 12.5480, 14.5772



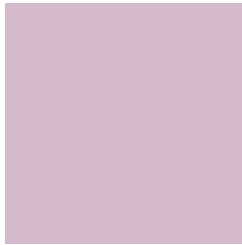
19.3184, 9.6637, 14.2466



1.2051, 0.5988, 1.0693

Previews

White Background



This preview shows how the XYZ color 55.3710, 53.3791, 63.2620 looks on a white background.

Color Contrast Check

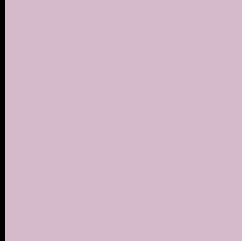
Large Text (above 18pt) WCAG AA × Fail

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 55.3710, 53.3791, 63.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

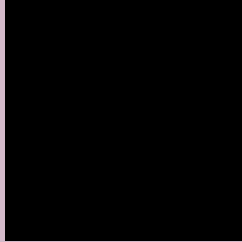
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3710, 53.3791, 63.2620

Background



This preview shows how black text looks on a background with the XYZ color 55.3710, 53.3791, 63.2620.



This preview shows how white text looks on a background with the XYZ color 55.3710, 53.3791,

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

55.3710, 53.3791, 63.2620

Protanopia

51.9825, 53.4930, 65.9779

Deuteranopia

54.4434, 53.2148, 63.2791



Tritanopia

55.2529, 53.3319, 62.6403

Trichromacy



Original Color

55.3710, 53.3791, 63.2620

Protanomaly

53.2523, 53.5140, 65.2802

Deuteranomaly

54.7255, 53.3602, 63.2923

Tritanomaly

55.2529, 53.3319, 62.6403

Monochromacy



Original Color

55.3710, 53.3791, 63.2620

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.3998, 54.3330, 61.0989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3710, 53.3791, 63.2620 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(212, 186, 202) looks like.

```
.text, #text, p{  
    color:rgb(212, 186, 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(212, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 186, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.3710, 53.3791, 63.2620 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(212, 186, 202) }
```


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

```
.border{ border-color:rgb(212, 186, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 186, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 186,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3710, 53.3791, 63.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 186, 202) }
```

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

```
.background{ background-color: rgb(212,  
186, 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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