

Converting Colors

XYZ(58.0227, 55.2937, 62.6266)

Have a look what the booklet for
XYZ(58.0227, 55.2937, 62.6266)
contains.

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Color

**XYZ(58.0410, 55.3991,
62.8923)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBCC9
RGB	220, 188, 201
RGB Percent	86%, 74%, 79%
CMY	0.1373, 0.2627, 0.2118
CMYK	0.00, 0.15, 0.09, 0.14
HSL	336°, 31%, 80%
HSV	336°, 15%, 86%
XYZ	58.0410, 55.3991, 62.8923
YIQ	199.0500, 14.8990, 10.8270

Conversions

Conversions Part 2

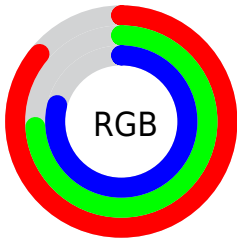
Format	Color
R_{YB}	220, 188, 201
Decimal	14466249
CIE _{Lab}	79.27, 13.55, -2.30
CIE _{LCh}	79, 13.743, 350.356
Yxy	55.3991, 0.3292, 0.3142
Android (android.graphics.Color)	4292656329 (0xFFDCBCC9)
YUV	199.0500, 0.9613, 18.3731
Hunter-Lab	74.4306, 8.9409, 2.0026

Details

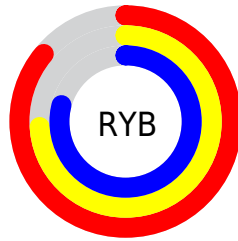
The XYZ color **58.0410, 55.3991, 62.8923** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.5969, 66.3842, 68.8124**, and the grayscale version is **54.3059, 57.1340, 62.2190**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **29.4475, 27.4339, 31.3470** is the 20% darker color. If you saturate the color by 10%, you get **52.2230, 46.1182, 53.6907**, and if you desaturate by 10%, it is **64.7093, 66.1700, 73.0236**.

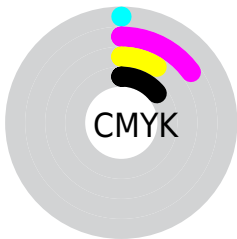
Distribution



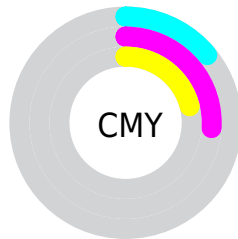
- Red (86%)
- Green (74%)
- Blue (79%)



- Red (86%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0410, 55.3991, 62.8923 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 58.0410, 55.3991, 62.8923 by changing the saturation by 10% instead.

■ 58.0410, 55.3991,
62.8923

■ 58.0410, 55.3991,
62.8923

407.2901,
407.4230, 453.2757

■ 42.0850, 39.7213,
45.3136

■ 101.1052, 98.1255,
110.5982

■ 29.3593, 27.3213,
31.3598

128.9441,
125.9428, 141.5625

■ 19.4984, 17.8147,
20.6122

161.4747,
158.5756, 177.8258

■ 12.1371, 10.8170,
12.6524

199.0623,
196.4080, 219.8066

■ 6.9100, 5.9439,
7.0617

242.0722,
239.8246, 267.9234

■ 3.4517, 2.8110,
3.4217

290.8700,

■ 1.3969, 1.0339,

289.2097, 322.5949

1.3138

345.8208,
344.9477, 384.2395

■ 0.2540, 0.0000,
0.0730

■ 0.0000, 0.0000,
0.0000

■ 58.0410, 55.3991,
62.8923

■ 58.0410, 55.3991,
62.8923

■ 52.2230, 46.1182,
53.6907

■ 64.7093, 66.1700,
73.0236

■ 47.2149, 38.2540,
45.3873

■ 72.2566, 78.4852,
84.1076

■ 42.9802, 31.7379,
37.9541

■ 80.7160, 92.4057,
96.1708

■ 39.4776, 26.4928,
31.3600

■ 83.0462, 93.8441,
106.8806

■ 36.6615, 22.4337,
25.5716

■ 83.3255, 93.9558,
108.3513

■ 34.4811, 19.4651,
20.5531

■ 32.8778, 17.4762,
16.2648

■ 31.7809, 16.3324,
12.6620

■ 31.3338, 15.9431,
10.9565

Harmonies

Analogous

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



56.8319, 55.3991, 70.5049



58.0410, 55.3991, 62.8923



57.7688, 55.3991, 55.2052

Triad

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



58.0410, 55.3991, 62.8923



50.8375, 55.3991, 47.2095



49.3537, 55.3991, 72.7461

Complementary

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



58.0410, 55.3991, 62.8923



57.5969, 66.3842, 68.8124

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.



47.8526, 55.3991, 65.7417



58.0410, 55.3991, 62.8923



48.6883, 55.3991, 51.1668

Square

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



58.0410, 55.3991, 62.8923



53.5458, 55.3991, 46.5909



47.6133, 55.3991, 57.8192



51.7745, 55.3991, 76.5120

Rectangle

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



58.0410, 55.3991, 62.8923



56.7874, 55.3991, 51.0376



47.6133, 55.3991, 57.8192



48.7284, 55.3991, 70.6651

Sweetspot

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



58.0426, 55.4015, 62.8935



90.9219, 93.2799, 102.7887



56.5426, 54.3538, 75.2220



19.2997, 19.7037, 21.7602



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.



58.0426, 55.4015, 62.8935



78.8750, 73.8437, 84.4138



57.1524, 55.9653, 55.3700



13.2741, 13.1388, 14.7049



18.4413, 9.3776, 6.7041



1.2367, 0.6243, 0.6556

Inverse Universe

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



58.0426, 55.4015, 62.8935



78.8750, 73.8437, 84.4138



58.5579, 65.6578, 77.2977



13.2741, 13.1388, 14.7049



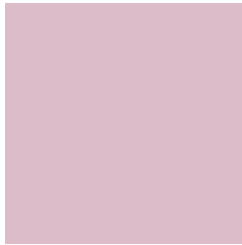
18.4413, 9.3776, 6.7041



1.2367, 0.6243, 0.6556

Previews

White Background



This preview shows how the XYZ color 58.0410, 55.3991, 62.8923 looks on a white background.

Color Contrast Check

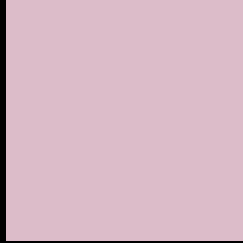
Large Text (above 18pt) WCAG AA × Fail

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 58.0410, 55.3991, 62.8923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

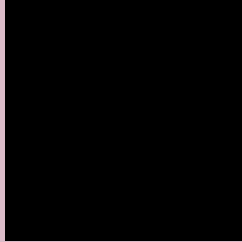
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0410, 55.3991, 62.8923

Background



This preview shows how black text looks on a background with the XYZ color 58.0410, 55.3991, 62.8923.



This preview shows how white text looks on a background with the XYZ color 58.0410, 55.3991,

62.8923.

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

58.0410, 55.3991, 62.8923

Protanopia

53.5605, 55.3083, 65.6102

Deuteranopia

56.6876, 55.3401, 62.9523



Tritanopia

58.1591, 55.4464, 63.5140

Trichromacy



Original Color

58.0410, 55.3991, 62.8923

Protanomaly

54.9256, 55.0380, 64.8553

Deuteranomaly

57.0591, 55.2112, 62.9078

Tritanomaly

58.1591, 55.4464, 63.5140

Monochromacy



Original Color

58.0410, 55.3991, 62.8923

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6726, 56.4657, 62.6083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0410, 55.3991, 62.8923 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(220, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 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(220, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.0410, 55.3991, 62.8923 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(220, 188, 201) }
```


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

```
.border{ border-color:rgb(220, 188, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0410, 55.3991, 62.8923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 201) }
```

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

```
.background{ background-color: rgb(220,  
188, 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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