

Converting Colors

XYZ(58.5331, 55.3151, 62.5302)

Have a look what the booklet for
XYZ(58.5331, 55.3151, 62.5302)
contains.

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Color

**XYZ(58.6271, 55.3988,
62.2466)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBBC8
RGB	223, 187, 200
RGB Percent	87%, 73%, 78%
CMY	0.1255, 0.2666, 0.2157
CMYK	0.00, 0.16, 0.10, 0.13
HSL	338°, 36%, 80%
HSV	338°, 16%, 87%
XYZ	58.6271, 55.3988, 62.2466
YIQ	199.2460, 17.2830, 11.6750

Conversions

Conversions Part 2

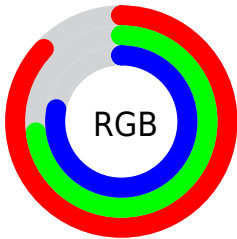
Format	Color
R _Y B	223, 187, 200
Decimal	14662600
CIE Lab	79.27, 14.97, -1.73
CIE LCh	79, 15.073, 353.407
Yxy	55.3988, 0.3326, 0.3143
Android (android.graphics.Color)	4292852680 (0xFFDFBBC8)
YUV	199.2460, 0.3717, 20.8323
Hunter-Lab	74.4304, 10.3472, 2.5166

Details

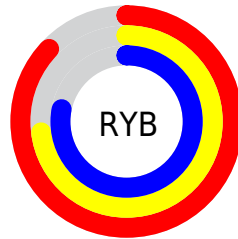
The XYZ color **58.6271, 55.3988, 62.2466** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.5163, 67.9948, 71.0163**, and the grayscale version is **54.4284, 57.2629, 62.3593**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **29.8619, 27.4503, 30.9187** is the 20% darker color. If you saturate the color by 10%, you get **52.6704, 46.0269, 52.4245**, and if you desaturate by 10%, it is **65.4768, 66.3070, 73.1335**.

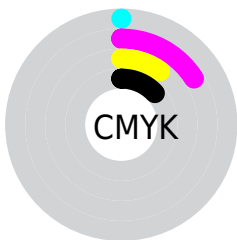
Distribution



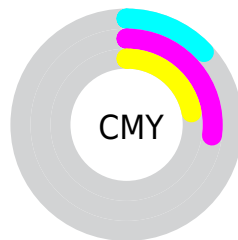
- Red (87%)
- Green (73%)
- Blue (78%)



- Red (87%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6271, 55.3988, 62.2466 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 58.6271, 55.3988, 62.2466 by changing the saturation by 10% instead.

■ 58.6271, 55.3988,
62.2466

■ 58.6271, 55.3988,
62.2466

409.4349,
407.4219, 450.8625

■ 42.5582, 39.7211,
44.7949

■ 101.9532, 98.1250,
109.6569

■ 29.7317, 27.3212,
30.9541

129.9412,
125.9423, 140.4526

■ 19.7821, 17.8146,
20.3058

162.6329,
158.5750, 176.5334

■ 12.3441, 10.8169,
12.4312

200.3937,
196.4073, 218.3178

■ 7.0523, 5.9439,
6.9120

243.5889,
239.8238, 266.2244

■ 3.5415, 2.8110,
3.3295

292.5840,

■ 1.4461, 1.0339,

289.2088, 320.6717

1.2652

347.7442,
344.9467, 382.0782

■ 0.2887, 0.0000,
0.0331

■ 0.0000, 0.0000,
0.0000

■ 58.6271, 55.3988,
62.2466

■ 58.6271, 55.3988,
62.2466

■ 52.6704, 46.0269,
52.4245

■ 65.4768, 66.3070,
73.1335

■ 47.5639, 38.1144,
43.6301

■ 73.2504, 78.8088,
85.1134

■ 43.2684, 31.5894,
35.8292

■ 81.9832, 92.9678,
98.2182

■ 39.7395, 26.3704,
28.9843

■ 84.2417, 94.4281,
108.3942

■ 36.9285, 22.3676,
23.0552

■ 34.7805, 19.4796,
17.9984

■ 33.2320, 17.5883,
13.7658

■ 32.2052, 16.5470,
10.3027

■ 31.8987, 16.2749,
9.1491

Harmonies

Analogous

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



57.4486, 55.3988, 70.7700



58.6271, 55.3988, 62.2466



58.1570, 55.3988, 53.9610

Triad

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



58.6271, 55.3988, 62.2466



50.3850, 55.3988, 46.3285



49.2736, 55.3988, 74.6582

Complementary

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



58.6271, 55.3988, 62.2466



58.5163, 67.9948, 71.0163

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.



47.5113, 55.3988, 67.1597



58.6271, 55.3988, 62.2466



48.1356, 55.3988, 50.9527

Square

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



58.6271, 55.3988, 62.2466



53.3234, 55.3988, 45.2826



47.1027, 55.3988, 58.4333



51.9920, 55.3988, 78.3644

Rectangle

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



58.6271, 55.3988, 62.2466



56.9804, 55.3988, 49.6137



47.1027, 55.3988, 58.4333



48.5540, 55.3988, 72.4650

Sweetspot

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



58.6287, 55.4013, 62.2478



89.8324, 91.6195, 100.8267



57.6131, 54.5434, 77.3041



19.0764, 19.3678, 21.3447



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.



58.6287, 55.4013, 62.2478



76.9042, 71.0520, 80.2122



58.2088, 56.8898, 54.9296



13.9107, 13.7819, 15.2999



18.8051, 9.5891, 5.6396



1.3453, 0.6814, 0.6114

Inverse Universe

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



58.6287, 55.4013, 62.2478



76.9042, 71.0520, 80.2122



58.9380, 66.1407, 79.4728



13.9107, 13.7819, 15.2999



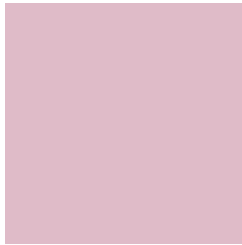
18.8051, 9.5891, 5.6396



1.3453, 0.6814, 0.6114

Previews

White Background



This preview shows how the XYZ color 58.6271, 55.3988, 62.2466 looks on a white background.

Color Contrast Check

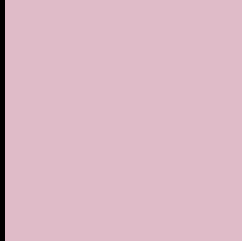
Large Text (above 18pt) WCAG AA × Fail

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 58.6271, 55.3988, 62.2466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

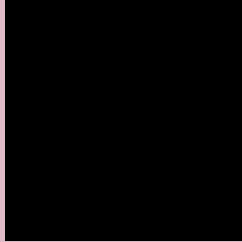
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6271, 55.3988, 62.2466

Background



This preview shows how black text looks on a background with the XYZ color 58.6271, 55.3988, 62.2466.



This preview shows how white text looks on a background with the XYZ color 58.6271, 55.3988,

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

58.6271, 55.3988, 62.2466

Protanopia

53.8233, 55.4438, 65.6225

Deuteranopia

56.4538, 55.2466, 61.7210



Tritanopia

58.7444, 55.4457, 62.8643

Trichromacy



Original Color

58.6271, 55.3988, 62.2466

Protanomaly

55.3613, 55.2765, 64.2515

Deuteranomaly

57.1217, 55.2704, 61.6905

Tritanomaly

58.7444, 55.4457, 62.8643

Monochromacy



Original Color

58.6271, 55.3988, 62.2466

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8363, 56.5636, 62.0078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6271, 55.3988, 62.2466 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(223, 187, 200)` looks like.

```
.text, #text, p{  
    color:rgb(223, 187, 200)  
}
```

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(223, 187, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 187, 200) }
```

Border

The CSS property to change the border of an element to XYZ 58.6271, 55.3988, 62.2466 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(223, 187, 200) }
```


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

```
.border{ border-color:rgb(223, 187, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 187, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 187, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 187, 200); box-shadow:4px 4px 4px 4px rgb(223, 187, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6271, 55.3988, 62.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 187, 200) }
```

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

```
.background{ background-color: rgb(223,  
187, 200) }
```

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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