

Converting Colors

XYZ(57.9289, 55.3504, 62.2821)

Have a look what the booklet for
XYZ(57.9289, 55.3504, 62.2821)
contains.

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Color

**XYZ(57.9237, 55.3522,
62.2747)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBCC8
RGB	220, 188, 200
RGB Percent	86%, 74%, 78%
CMY	0.1373, 0.2627, 0.2157
CMYK	0.00, 0.15, 0.09, 0.14
HSL	338°, 31%, 80%
HSV	338°, 15%, 86%
XYZ	57.9237, 55.3522, 62.2747
YIQ	198.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

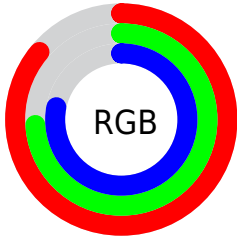
Format	Color
R _Y B	220, 188, 200
Decimal	14466248
CIE Lab	79.24, 13.38, -1.80
CIE LCh	79, 13.500, 352.331
Yxy	55.3522, 0.3300, 0.3153
Android (android.graphics.Color)	4292656328 (0xFFDCBCC8)
YUV	198.9360, 0.5246, 18.4731
Hunter-Lab	74.3991, 8.7736, 2.4515

Details

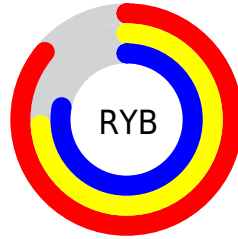
The XYZ color **57.9237, 55.3522, 62.2747** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.7195, 66.4332, 69.4584**, and the grayscale version is **54.2386, 57.0633, 62.1419**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **29.3693, 27.4026, 30.9354** is the 20% darker color. If you saturate the color by 10%, you get **52.0421, 46.0459, 52.7384**, and if you desaturate by 10%, it is **64.6694, 66.1540, 72.8136**.

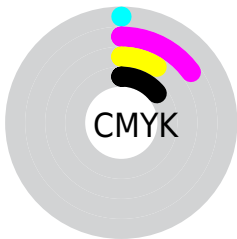
Distribution



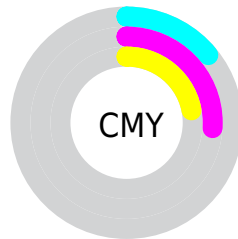
- Red (86%)
- Green (74%)
- Blue (78%)



- Red (86%)
- Yellow (74%)
- Blue (78%)



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



- Cyan (14%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9237, 55.3522, 62.2747 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 57.9237, 55.3522, 62.2747 by changing the saturation by 10% instead.

57.9237, 55.3522,
62.2747

57.9237, 55.3522,
62.2747

406.8600,
407.2456, 450.9677

41.9903, 39.6838,
44.8175

100.9353, 98.0568,
109.6979

29.2848, 27.2921,
30.9718

128.7443,
125.8617, 140.5009

19.4417, 17.7927,
20.3191

161.2426,
158.4810, 176.5897

12.0958, 10.8013,
12.4408

198.7954,
196.2990, 218.3827

6.8816, 5.9334,
6.9185

241.7682,
239.7000, 266.2984

3.4338, 2.8046,
3.3335

290.5264,

1.3871, 1.0306,

289.0685, 320.7555

1.2673

345.4352,
344.7889, 382.1724

■ 0.2470, 0.0000,
0.0348

■ 0.0000, 0.0000,
0.0000

■ 57.9237, 55.3522,
62.2747

■ 57.9237, 55.3522,
62.2747

■ 52.0421, 46.0459,
52.7384

■ 64.6694, 66.1540,
72.8136

■ 46.9838, 38.1616,
44.1705

■ 72.3085, 78.5060,
84.3808

■ 42.7116, 31.6305,
36.5397

■ 80.8745, 92.4691,
97.0057

■ 39.1835, 26.3752,
29.8116

■ 83.3255, 93.9558,
108.3513

■ 36.3534, 22.3105,
23.9495

■ 34.1697, 19.3405,
18.9136

■ 32.5731, 17.3543,
14.6604

■ 31.4919, 16.2168,
11.1405

■ 31.0569, 15.8324,
9.4987

Harmonies

Analogous

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



56.8267, 55.3522, 69.8166



57.9237, 55.3522, 62.2747



57.5590, 55.3522, 54.7961

Triad

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



57.9237, 55.3522, 62.2747



50.6632, 55.3522, 47.5389



49.5022, 55.3522, 72.8169

Complementary

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



57.9237, 55.3522, 62.2747



57.7195, 66.4332, 69.4584

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.



47.9543, 55.3522, 66.0949



57.9237, 55.3522, 62.2747



48.6084, 55.3522, 51.6344

Square

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



57.9237, 55.3522, 62.2747



53.3063, 55.3522, 46.7057



47.6328, 55.3522, 58.3071



51.9210, 55.3522, 76.2329

Rectangle

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



57.9237, 55.3522, 62.2747



56.5415, 55.3522, 50.8035



47.6328, 55.3522, 58.3071



48.8662, 55.3522, 70.8430

Sweetspot

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



57.9253, 55.3547, 62.2759



90.8722, 93.2600, 102.5271



56.8409, 54.5077, 75.2359



19.2871, 19.6987, 21.6941



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.



57.9253, 55.3547, 62.2759



78.6862, 73.7682, 83.4197



57.3853, 56.4312, 55.4477



13.2570, 13.1319, 14.6144



18.2767, 9.3117, 5.8369



1.2250, 0.6197, 0.5940

Inverse Universe

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



57.9253, 55.3547, 62.2759



78.6862, 73.7682, 83.4197



58.2833, 65.1086, 77.2061



13.2570, 13.1319, 14.6144



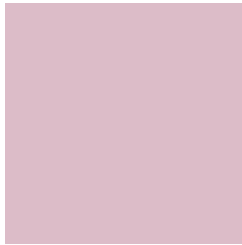
18.2767, 9.3117, 5.8369



1.2250, 0.6197, 0.5940

Previews

White Background



This preview shows how the XYZ color 57.9237, 55.3522, 62.2747 looks on a white background.

Color Contrast Check

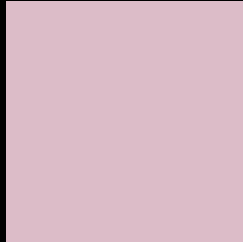
Large Text (above 18pt) WCAG AA × Fail

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 57.9237, 55.3522, 62.2747 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 57.9237, 55.3522, 62.2747

Background



This preview shows how black text looks on a background with the XYZ color 57.9237, 55.3522, 62.2747.



This preview shows how white text looks on a background with the XYZ color 57.9237, 55.3522,

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

57.9237, 55.3522, 62.2747

Protanopia

53.7029, 55.3956, 64.9887

Deuteranopia

56.5703, 55.2932, 62.3347



Tritanopia

58.1591, 55.4464, 63.5140

Trichromacy



Original Color

57.9237, 55.3522, 62.2747

Protanomaly

55.0827, 55.1329, 64.2385

Deuteranomaly

56.9418, 55.1643, 62.2902

Tritanomaly

58.0410, 55.3991, 62.8923

Monochromacy



Original Color

57.9237, 55.3522, 62.2747

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5560, 56.4191, 61.9947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9237, 55.3522, 62.2747 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 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(220, 188, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 200) }
```

Border

The CSS property to change the border of an element to XYZ 57.9237, 55.3522, 62.2747 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, 200) }
```


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

```
.border{ border-color:rgb(220, 188, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 200);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9237, 55.3522, 62.2747 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, 200) }
```

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

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