

Converting Colors

XYZ(54.2976, 55.7569, 62.5440)

Have a look what the booklet for
XYZ(54.2976, 55.7569, 62.5440)
contains.

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Color

**XYZ(54.2976, 55.7569,
62.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC3C8
RGB	202, 195, 200
RGB Percent	79%, 76%, 78%
CMY	0.2078, 0.2353, 0.2157
CMYK	0.00, 0.03, 0.01, 0.21
HSL	317°, 6%, 78%
HSV	317°, 3%, 79%
XYZ	54.2976, 55.7569, 62.5440
YIQ	197.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

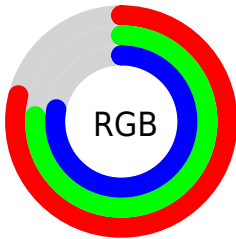
Format	Color
R _Y B	202, 195, 200
Decimal	13288392
CIE Lab	79.48, 3.34, -1.64
CIE LCh	79, 3.725, 333.855
Yxy	55.7569, 0.3146, 0.3230
Android (android.graphics.Color)	4291478472 (0xFFCAC3C8)
YUV	197.6630, 1.1521, 3.8035
Hunter-Lab	74.6705, -0.8750, 2.6081

Details

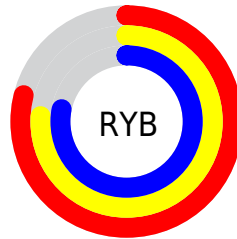
The XYZ color **54.2976, 55.7569, 62.5440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7064, 57.8759, 61.1667**, and the grayscale version is **53.4655, 56.2499, 61.2561**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **26.9259, 27.4210, 31.0678** is the 20% darker color. If you saturate the color by 10%, you get **49.4126, 47.0460, 57.6492**, and if you desaturate by 10%, it is **59.8235, 65.7074, 67.7795**.

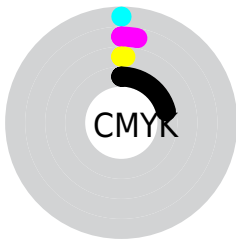
Distribution



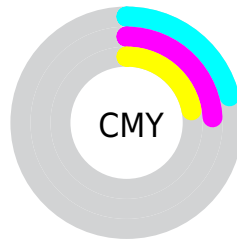
- Red (79%)
- Green (76%)
- Blue (78%)



- Red (79%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2976, 55.7569, 62.5440 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 54.2976, 55.7569, 62.5440 by changing the saturation by 10% instead.

■ 54.2976, 55.7569,
62.5440

■ 54.2976, 55.7569,
62.5440

393.4237,
408.7747, 451.9750

■ 39.0713, 40.0080,
45.0338

■ 95.6654, 98.6491,
110.0906

■ 26.9961, 27.5448,
31.1409

122.5376,
126.5611, 140.9640

■ 17.7069, 17.9828,
20.4468

154.0224,
159.2964, 177.1290

■ 10.8382, 10.9377,
12.5329

190.4852,
197.2393, 219.0040

■ 6.0246, 6.0249,
6.9808

232.2914,
240.7742, 267.0075

■ 2.9009, 2.8602,
3.3718

279.8063,

■ 1.1015, 1.0592,

290.2855, 321.5582

1.2875

333.3953,
346.1575, 383.0745

■ 0.0264, 0.0000,
0.0515

■ 0.0000, 0.0000,
0.0000

■ 54.2976, 55.7569,
62.5440

■ 54.2976, 55.7569,
62.5440

■ 49.4126, 47.0460,
57.6492

■ 59.8235, 65.7074,
67.7795

■ 45.1392, 39.5184,
53.0820

■ 66.0089, 76.9364,
73.3613

■ 41.4524, 33.1245,
48.8334

■ 72.6841, 89.1034,
79.2348

■ 38.3242, 27.8080,
44.8925

■ 73.4501, 89.4098,
83.2684

35.7237, 23.5081,
41.2477

74.2426, 89.7268,
87.4417

33.6172, 20.1578,
37.8863

75.0620, 90.0545,
91.7564

31.9669, 17.6818,
34.7941

75.9084, 90.3931,
96.2136

30.7293, 15.9937,
31.9552

76.7822, 90.7426,
100.8146

29.8520, 14.9890,
29.3504

77.6835, 91.1031,
105.5609

Harmonies

Analogous

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



53.8010, 55.7569, 64.1971



54.2976, 55.7569, 62.5440



54.4441, 55.7569, 60.4331

Triad

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



54.2976, 55.7569, 62.5440



52.8986, 55.7569, 56.6899



51.8092, 55.7569, 63.0348

Complementary

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



54.2976, 55.7569, 62.5440



53.7064, 57.8759, 61.1667

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.



51.5724, 55.7569, 60.9873



54.2976, 55.7569, 62.5440



52.1976, 55.7569, 57.3511

Square

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



54.2976, 55.7569, 62.5440



53.6319, 55.7569, 57.0848



51.7139, 55.7569, 58.9118



52.3637, 55.7569, 64.4851

Rectangle

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



54.2976, 55.7569, 62.5440



54.3223, 55.7569, 59.0582



51.7139, 55.7569, 58.9118



51.6900, 55.7569, 62.3919

Sweetspot

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



54.2992, 55.7593, 62.5452



94.1247, 98.3369, 108.0137



53.1996, 55.1653, 63.7221



20.1563, 21.0657, 23.1287



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.



54.2992, 55.7593, 62.5452



91.4160, 93.4775, 105.3903



53.8969, 55.5984, 60.4267



12.0715, 12.2863, 13.9299



18.9656, 9.3968, 18.0691



1.0101, 0.4974, 1.0990

Inverse Universe

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



54.2992, 55.7593, 62.5452



91.4160, 93.4775, 105.3903



54.1100, 58.0374, 63.2920



12.0715, 12.2863, 13.9299



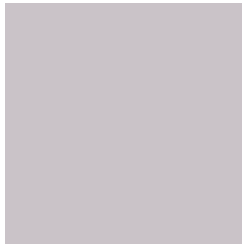
18.9656, 9.3968, 18.0691



1.0101, 0.4974, 1.0990

Previews

White Background



This preview shows how the XYZ color 54.2976, 55.7569, 62.5440 looks on a white background.

Color Contrast Check

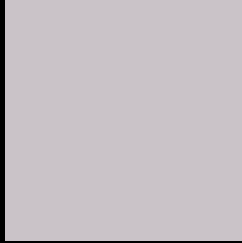
Large Text (above 18pt) WCAG AA × Fail

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 54.2976, 55.7569, 62.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

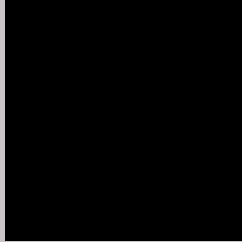
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

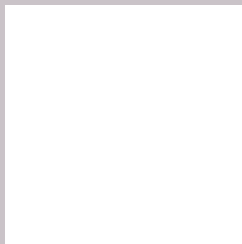
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2976, 55.7569, 62.5440

Background



This preview shows how black text looks on a background with the XYZ color 54.2976, 55.7569, 62.5440.

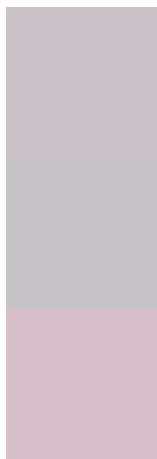


This preview shows how white text looks on a background with the XYZ color 54.2976, 55.7569,

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

54.2976, 55.7569, 62.5440

Protanopia

53.7184, 55.7921, 62.5813

Deuteranopia

56.9050, 55.7748, 63.0247



Tritanopia

55.4290, 55.8835, 68.1868

Trichromacy



Original Color

54.2976, 55.7569, 62.5440

Protanomaly

53.9847, 55.9293, 62.5937

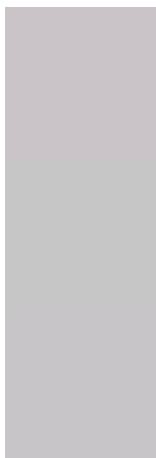
Deuteranomaly

55.9706, 55.6180, 63.0437

Tritanomaly

55.0610, 55.7363, 66.2487

Monochromacy



Original Color

54.2976, 55.7569, 62.5440

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8282, 56.1981, 62.0431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2976, 55.7569, 62.5440 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(202, 195, 200) looks like.

```
.text, #text, p{  
    color:rgb(202, 195, 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(202, 195, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 195, 200) }
```

Border

The CSS property to change the border of an element to XYZ 54.2976, 55.7569, 62.5440 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(202, 195, 200) }
```


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

```
.border{ border-color:rgb(202, 195, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 195, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 195, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 195, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 195,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2976, 55.7569, 62.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 195, 200) }
```

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

```
.background{ background-color: rgb(202,  
195, 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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