

Converting Colors

XYZ(53.9590, 56.0809, 62.6757)

Have a look what the booklet for
XYZ(53.9590, 56.0809, 62.6757)
contains.

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Color

**XYZ(53.7184, 55.7921,
62.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C4C8
RGB	199, 196, 200
RGB Percent	78%, 77%, 78%
CMY	0.2196, 0.2314, 0.2157
CMYK	0.01, 0.02, 0.00, 0.22
HSL	285°, 4%, 78%
HSV	285°, 2%, 78%
XYZ	53.7184, 55.7921, 62.5813
YIQ	197.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

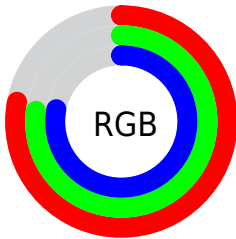
Format	Color
RYB	199, 196, 200
Decimal	13092040
CIELab	79.50, 1.78, -1.64
CIElCh	79, 2.418, 317.296
Yxy	55.7921, 0.3121, 0.3242
Android (android.graphics.Color)	4291282120 (0xFFC7C4C8)
YUV	197.3530, 1.3050, 1.4444
Hunter-Lab	74.6941, -2.3413, 2.6107

Details

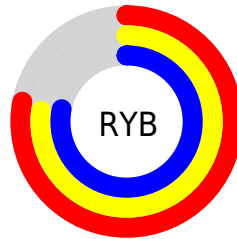
The XYZ color **53.7184, 55.7921, 62.5813** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6463, 57.1660, 60.4341**, and the grayscale version is **53.2777, 56.0523, 61.0410**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **26.5384, 27.4411, 31.0921** is the 20% darker color. If you saturate the color by 10%, you get **48.1987, 46.6914, 61.1164**, and if you desaturate by 10%, it is **59.8864, 66.1228, 64.2511**.

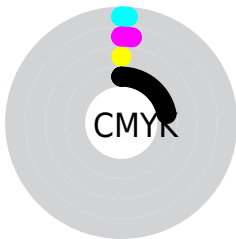
Distribution



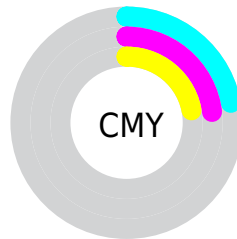
- Red (78%)
- Green (77%)
- Blue (78%)



- Red (78%)
- Yellow (77%)
- Blue (78%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7184, 55.7921, 62.5813 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 53.7184, 55.7921, 62.5813 by changing the saturation by 10% instead.

■ 53.7184, 55.7921,
62.5813

■ 53.7184, 55.7921,
62.5813

391.2512,
408.9075, 452.1144

■ 38.6063, 40.0363,
45.0637

94.8200, 98.7005,
110.1450

■ 26.6330, 27.5668,
31.1643

121.5402,
126.6219, 141.0282

■ 17.4329, 17.9994,
20.4645

152.8605,
159.3673, 177.2036

■ 10.6408, 10.9495,
12.5457

189.1463,
197.3210, 219.0900

■ 5.8914, 6.0329,
6.9895

230.7629,
240.8675, 267.1057

■ 2.8192, 2.8651,
3.3772

278.0757,

■ 1.0589, 1.0617,

290.3912, 321.6693

1.2903

331.4500,
346.2764, 383.1993

■ 0.0000, 0.0000,
0.0538

■ 0.0000, 0.0000,
0.0000

■ 53.7184, 55.7921,
62.5813

■ 53.7184, 55.7921,
62.5813

■ 48.1987, 46.6914,
61.1164

■ 59.8864, 66.1228,
64.2511

■ 43.2984, 38.7661,
59.8450

■ 66.7205, 77.7212,
66.1296

■ 38.9935, 31.9681,
58.7597

■ 73.9225, 89.9891,
68.1180

■ 35.2566, 26.2430,
57.8516

■ 75.4063, 90.7541,
68.1874

■ 32.0580, 21.5321,
57.1109

■ 76.9354, 91.5423,
68.2590

■ 29.3651, 17.7709,
56.5269

■ 78.5102, 92.3542,
68.3327

■ 27.1415, 14.8872,
56.0874

■ 80.1310, 93.1897,
68.4085

■ 25.3455, 12.7984,
55.7789

■ 81.7983, 94.0493,
68.4865

■ 23.9274, 11.4058,
55.5849

■ 83.5124, 94.9329,
68.5668

Harmonies

Analogous

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



53.3070, 55.7921, 63.3393



53.7184, 55.7921, 62.5813



53.9455, 55.7921, 61.3385

Triad

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



53.7184, 55.7921, 62.5813



53.2345, 55.7921, 58.1746



52.1415, 55.7921, 61.5473

Complementary

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



53.7184, 55.7921, 62.5813



53.6463, 57.1660, 60.4341

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.



52.1223, 55.7921, 60.1615



53.7184, 55.7921, 62.5813



52.7514, 55.7921, 58.2285

Square

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



53.7184, 55.7921, 62.5813



53.6650, 55.7921, 58.8026



52.3450, 55.7921, 58.9511



52.3975, 55.7921, 62.7361

Rectangle

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



53.7184, 55.7921, 62.5813



53.9610, 55.7921, 60.4089



52.3450, 55.7921, 58.9511



52.1072, 55.7921, 61.0886

Sweetspot

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



53.7200, 55.7945, 62.5825



94.0075, 98.2629, 108.6197



53.1740, 55.8712, 62.6261



20.1325, 21.0506, 23.2520



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.



53.7200, 55.7945, 62.5825



92.9765, 96.5478, 108.3429



53.8776, 55.8883, 62.0226



11.7315, 12.1943, 13.6529



14.7048, 6.8149, 35.2847



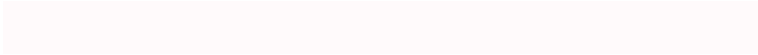
0.7597, 0.3554, 1.6737

Inverse Universe

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



53.6394, 55.7930, 60.7684



92.8350, 96.5453, 105.1549



53.4917, 57.0740, 60.9828



11.7150, 12.1940, 13.2813



15.5428, 7.9667, 2.8024



0.7661, 0.3893, 0.2913

Previews

White Background



This preview shows how the XYZ color 53.7184, 55.7921, 62.5813 looks on a white background.

Color Contrast Check

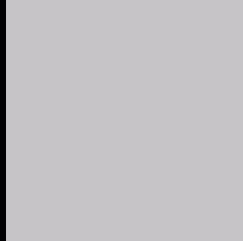
Large Text (above 18pt) WCAG AA × Fail

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 53.7184, 55.7921, 62.5813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

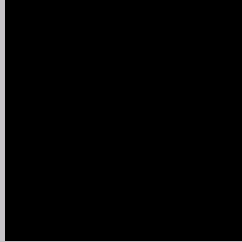
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

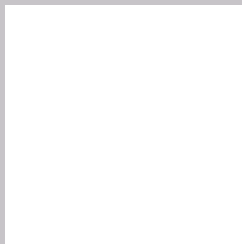
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7184, 55.7921, 62.5813

Background



This preview shows how black text looks on a background with the XYZ color 53.7184, 55.7921, 62.5813.

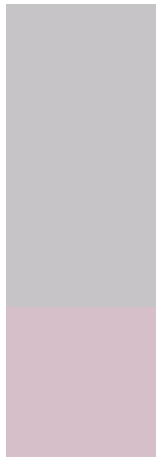


This preview shows how white text looks on a background with the XYZ color 53.7184, 55.7921,

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

53.7184, 55.7921, 62.5813

Protanopia

53.7184, 55.7921, 62.5813

Deuteranopia

56.9050, 55.7748, 63.0247



Tritanopia

55.0120, 55.6542, 68.8157

Trichromacy



Original Color

53.7184, 55.7921, 62.5813

Protanomaly

53.7184, 55.7921, 62.5813

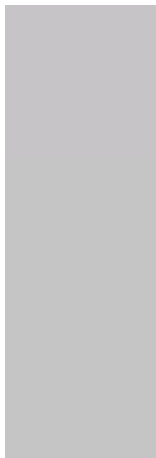
Deuteranomaly

55.9071, 55.9123, 63.1039

Tritanomaly

54.4751, 55.7658, 66.2852

Monochromacy



Original Color

53.7184, 55.7921, 62.5813

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.4480, 56.0155, 61.4211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7184, 55.7921, 62.5813 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(199, 196, 200)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 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(199, 196, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.7184, 55.7921, 62.5813 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(199, 196, 200) }
```


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

```
.border{ border-color:rgb(199, 196, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 200);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7184, 55.7921, 62.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 200) }
```

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

```
.background{ background-color: rgb(199,  
196, 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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