

Converting Colors

XYZ(53.0418, 55.7832, 77.7837)

Have a look what the booklet for
XYZ(53.0418, 55.7832, 77.7837)
contains.

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Color

**XYZ(53.0418, 55.7832,
77.7837)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C6DF
RGB	183, 198, 223
RGB Percent	72%, 78%, 87%
CMY	0.2823, 0.2235, 0.1255
CMYK	0.18, 0.11, 0.00, 0.13
HSL	217°, 38%, 80%
HSV	217°, 18%, 87%
XYZ	53.0418, 55.7832, 77.7837
YIQ	196.3650, -16.9650, 4.5950

Conversions

Conversions Part 2

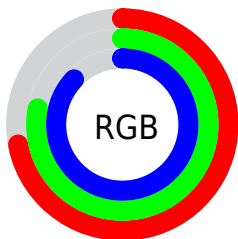
Format	Color
RYB	183, 194, 223
Decimal	12043999
CIELab	79.49, 0.06, -14.15
CIELCh	79, 14.150, 270.226
Yxy	55.7832, 0.2842, 0.2989
Android (android.graphics.Color)	4290234079 (0xFFB7C6DF)
YUV	196.3650, 13.1311, -11.7211
Hunter-Lab	74.6882, -3.9377, -9.4656

Details

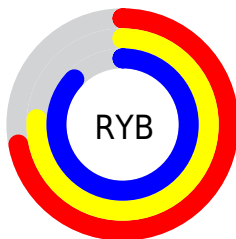
The XYZ color **53.0418, 55.7832, 77.7837** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5349, 64.2185, 53.9531**, and the grayscale version is **52.6207, 55.3611, 60.2882**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **26.2471, 27.5195, 40.9742** is the 20% darker color. If you saturate the color by 10%, you get **45.1121, 47.1833, 76.5426**, and if you desaturate by 10%, it is **62.1084, 65.4072, 79.1644**.

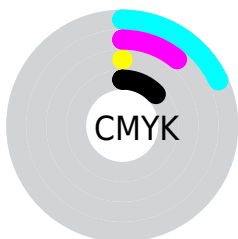
Distribution



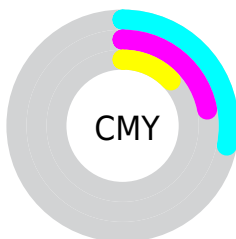
- Red (72%)
- Green (78%)
- Blue (87%)



- Red (72%)
- Yellow (76%)
- Blue (87%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0418, 55.7832, 77.7837 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 53.0418, 55.7832, 77.7837 by changing the saturation by 10% instead.

■ 53.0418, 55.7832,
77.7837

■ 53.0418, 55.7832,
77.7837

388.7037,
408.8740, 506.9404

■ 38.0638, 40.0291,
57.3809

■ 93.8310, 98.6875,
132.0283

■ 26.2096, 27.5613,
40.8997

120.3729,
126.6066, 166.7071

■ 17.1140, 17.9952,
27.9216

151.5002,
159.3494, 206.9817

■ 10.4116, 10.9465,
18.0281

187.5781,
197.3004, 253.2707

■ 5.7371, 6.0309,
10.8005

228.9720,
240.8439, 305.9925

■ 2.7250, 2.8639,
5.8204

276.0474,

■ 1.0101, 1.0611,

290.3644, 365.5657

2.6691

329.1695,
346.2463, 432.4088

■ 0.0000, 0.0000,
0.9278

■ 0.0000, 0.0000,
0.0000

■ 53.0418, 55.7832,
77.7837

■ 53.0418, 55.7832,
77.7837

■ 45.1121, 47.1833,
76.5426

■ 62.1084, 65.4072,
79.1644

■ 38.2668, 39.5644,
75.4328

■ 72.3512, 76.0825,
80.6850

■ 32.4568, 32.8905,
74.4508

■ 83.8139, 87.8438,
82.3511

■ 27.6269, 27.1204,
73.5916

■ 89.9217, 97.3122,
83.8567

■ 23.7164, 22.2093,
72.8498

■ 90.3195, 98.1078,
83.9893

■ 20.6569, 18.1080,
72.2194

■ 18.3694, 14.7606,
71.6939

■ 16.7461, 12.0956,
71.2650

■ 16.4619, 11.6127,
71.1868

Harmonies

Analogous

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



50.3509, 55.7832, 75.3712



53.0418, 55.7832, 77.7837



55.8210, 55.7832, 75.2999

Triad

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



53.0418, 55.7832, 77.7837



57.8869, 55.7832, 53.1908



48.4140, 55.7832, 53.2887

Complementary

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



53.0418, 55.7832, 77.7837



61.5349, 64.2185, 53.9531

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.



50.3148, 55.7832, 48.1867



53.0418, 55.7832, 77.7837



55.7824, 55.7832, 48.1339

Square

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



53.0418, 55.7832, 77.7837



58.6787, 55.7832, 60.6768



52.9987, 55.7832, 46.3851



47.7378, 55.7832, 60.8001

Rectangle

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



53.0418, 55.7832, 77.7837



57.3351, 55.7832, 71.3187



52.9987, 55.7832, 46.3851



48.9275, 55.7832, 51.2600

Sweetspot

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



53.0435, 55.7855, 77.7850



88.0244, 92.6827, 107.8579



57.2614, 67.3814, 69.4487



18.6366, 19.6241, 23.0555



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.



53.0435, 55.7855, 77.7850



67.1544, 70.5039, 104.6769



50.9109, 49.8450, 76.7507



13.3711, 14.0814, 17.4009



9.7793, 7.0282, 41.8895



0.7619, 0.6553, 2.9316

Inverse Universe

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



57.5593, 53.6334, 60.7473



74.5509, 67.2250, 76.7157



63.9491, 71.1521, 55.1642



13.9188, 13.7852, 15.3426



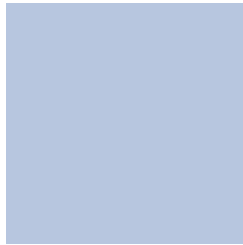
18.8763, 9.6175, 6.0146



1.3508, 0.6836, 0.6404

Previews

White Background



This preview shows how the XYZ color 53.0418, 55.7832, 77.7837 looks on a white background.

Color Contrast Check

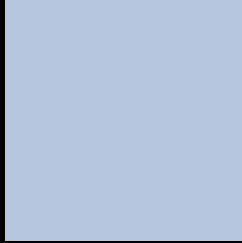
Large Text (above 18pt) WCAG AA × Fail

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 53.0418, 55.7832, 77.7837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

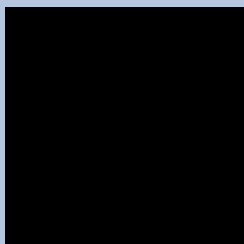
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0418, 55.7832, 77.7837

Background



This preview shows how black text looks on a background with the XYZ color 53.0418, 55.7832, 77.7837.



This preview shows how white text looks on a background with the XYZ color 53.0418, 55.7832,

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

53.0418, 55.7832, 77.7837

Protanopia

54.5586, 55.5881, 76.2606

Deuteranopia

56.9328, 55.7776, 78.2865



Tritanopia

51.9806, 55.6982, 72.3011

Trichromacy



Original Color

53.0418, 55.7832, 77.7837

Protanomaly

53.9110, 55.5726, 76.9924

Deuteranomaly

55.5113, 55.7012, 78.3466

Tritanomaly

52.3697, 55.8539, 74.3504

Monochromacy



Original Color

53.0418, 55.7832, 77.7837

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.5927, 55.4651, 66.3264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0418, 55.7832, 77.7837 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(183, 198, 223)` looks like.

```
.text, #text, p{  
    color:rgb(183, 198, 223)  
}
```

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(183, 198, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 198, 223) }
```

Border

The CSS property to change the border of an element to XYZ 53.0418, 55.7832, 77.7837 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(183, 198, 223) }
```


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

```
.border{ border-color:rgb(183, 198, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 198, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 198, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 198, 223);  
box-shadow:4px 4px 4px 4px rgb(183, 198,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0418, 55.7832, 77.7837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 198, 223) }
```

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

```
.background{ background-color: rgb(183,  
198, 223) }
```

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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