

Converting Colors

XYZ(58.3111, 55.8563, 77.5200)

Have a look what the booklet for
XYZ(58.3111, 55.8563, 77.5200)
contains.

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Color

**XYZ(58.3111, 55.8563,
77.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BEDF
RGB	210, 190, 223
RGB Percent	82%, 75%, 87%
CMY	0.1765, 0.2549, 0.1255
CMYK	0.06, 0.15, 0.00, 0.13
HSL	276°, 34%, 81%
HSV	276°, 15%, 87%
XYZ	58.3111, 55.8563, 77.5200
YIQ	199.7420, 1.3270, 14.5030

Conversions

Conversions Part 2

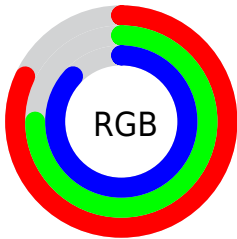
Format	Color
R_{YB}	210, 190, 223
Decimal	13811423
CIE _{Lab}	79.53, 13.08, -13.88
CIE _{LCh}	80, 19.069, 313.308
Yxy	55.8563, 0.3042, 0.2914
Android (android.graphics.Color)	4292001503 (0xFFD2BEDF)
YUV	199.7420, 11.4662, 8.9963
Hunter-Lab	74.7371, 8.4788, -9.1818

Details

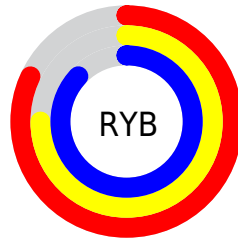
The XYZ color **58.3111, 55.8563, 77.5200** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.3125, 69.1910, 58.8944**, and the grayscale version is **54.6737, 57.5210, 62.6403**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **29.5311, 27.6870, 40.8335** is the 20% darker color. If you saturate the color by 10%, you get **51.4132, 45.6716, 75.9186**, and if you desaturate by 10%, it is **66.0887, 67.5944, 79.3766**.

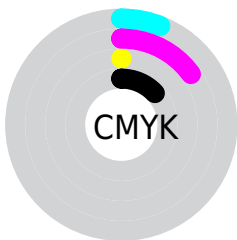
Distribution



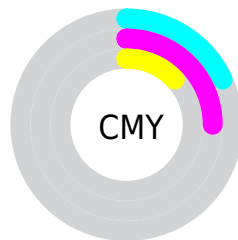
- Red (82%)
- Green (75%)
- Blue (87%)



- Red (82%)
- Yellow (75%)
- Blue (87%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3111, 55.8563, 77.5200 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 58.3111, 55.8563, 77.5200 by changing the saturation by 10% instead.

■ 58.3111, 55.8563,
77.5200

■ 58.3111, 55.8563,
77.5200

408.2794,
409.1497, 506.0198

■ 42.3030, 40.0877,
57.1657

■ 101.4961, 98.7944,
131.6530

■ 29.5308, 27.6069,
40.7280

129.4038,
126.7328, 166.2687

■ 19.6290, 18.0296,
27.7885

162.0087,
159.4965, 206.4752

■ 12.2324, 10.9712,
17.9286

199.6762,
197.4700, 252.6912

■ 6.9755, 6.0475,
10.7299

242.7717,
241.0377, 305.3351

■ 3.4929, 2.8740,
5.7736

291.6605,

■ 1.4195, 1.0663,

290.5840, 364.8254

2.6414

346.7079,
346.4932, 431.5809

■ 0.2700, 0.0000,
0.9137

■ 0.0000, 0.0000,
0.0000

■ 58.3111, 55.8563,
77.5200

■ 58.3111, 55.8563,
77.5200

■ 51.4132, 45.6716,
75.9186

■ 66.0887, 67.5944,
79.3766

■ 45.3543, 36.9652,
74.5574

■ 74.7743, 80.9427,
81.4953

■ 40.0977, 29.6662,
73.4256

■ 83.7905, 94.7420,
83.6836

■ 35.6019, 23.6949,
72.5100

■ 86.7857, 96.2861,
83.8238

■ 31.8213, 18.9635,
71.7960

■ 89.9265, 97.9052,
83.9708

■ 28.7046, 15.3732,
71.2672

■ 90.3194, 98.1078,
83.9892

■ 26.1927, 12.8093,
70.9048

■ 24.2139, 11.1322,
70.6853

■ 23.3347, 10.4908,
70.6079

Harmonies

Analogous

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



54.8056, 55.8563, 83.7765



58.3111, 55.8563, 77.5200



60.4724, 55.8563, 67.0892

Triad

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



58.3111, 55.8563, 77.5200



55.2365, 55.8563, 42.7460



46.2309, 55.8563, 65.8108

Complementary

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



58.3111, 55.8563, 77.5200



60.3125, 69.1910, 58.8944

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.



46.3338, 55.8563, 54.9503



58.3111, 55.8563, 77.5200



51.4101, 55.8563, 42.4912

Square

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



58.3111, 55.8563, 77.5200



58.6396, 55.8563, 47.4496



48.1898, 55.8563, 46.7058



47.9015, 55.8563, 76.4875

Rectangle

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



58.3111, 55.8563, 77.5200



60.7986, 55.8563, 59.6074



48.1898, 55.8563, 46.7058



46.0617, 55.8563, 62.0449

Sweetspot

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



58.3128, 55.8587, 77.5212



90.4189, 92.9097, 107.7755



55.9598, 59.0835, 78.2677



19.1718, 19.6096, 23.0245



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.



58.3128, 55.8587, 77.5212



75.7724, 70.8603, 104.2915



61.7250, 57.6687, 75.3810



13.7451, 13.6521, 17.2984



13.8508, 6.2356, 41.5219



1.0598, 0.4837, 2.8827

Inverse Universe

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



59.6263, 56.8292, 64.3290



77.9554, 72.4662, 82.6842



57.2840, 67.5876, 60.6569



13.9297, 13.7895, 15.4002



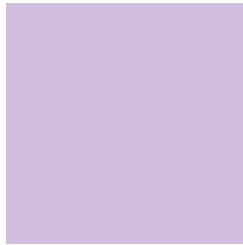
18.9773, 9.6579, 6.5461



1.3585, 0.6867, 0.6810

Previews

White Background



This preview shows how the XYZ color 58.3111, 55.8563, 77.5200 looks on a white background.

Color Contrast Check

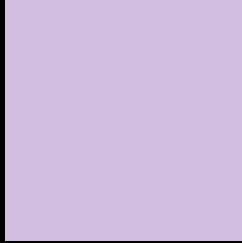
Large Text (above 18pt) WCAG AA × Fail

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 58.3111, 55.8563, 77.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

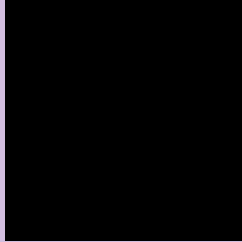
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3111, 55.8563, 77.5200

Background



This preview shows how black text looks on a background with the XYZ color 58.3111, 55.8563, 77.5200.



This preview shows how white text looks on a background with the XYZ color 58.3111, 55.8563,

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

58.3111, 55.8563, 77.5200

Protanopia

55.3433, 56.2324, 80.6101

Deuteranopia

57.0708, 55.8644, 77.5870



Tritanopia

56.4676, 56.1039, 67.5275

Trichromacy



Original Color

58.3111, 55.8563, 77.5200

Protanomaly

56.5724, 56.2167, 79.8207

Deuteranomaly

57.4037, 55.7111, 77.5399

Tritanomaly

57.1544, 56.0587, 70.7588

Monochromacy



Original Color

58.3111, 55.8563, 77.5200

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0269, 56.8713, 67.6988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3111, 55.8563, 77.5200 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(210, 190, 223)` looks like.

```
.text, #text, p{  
    color:rgb(210, 190, 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(210, 190, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 190, 223) }
```

Border

The CSS property to change the border of an element to XYZ 58.3111, 55.8563, 77.5200 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(210, 190, 223) }
```


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

```
.border{ border-color:rgb(210, 190, 223) }
```

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

Here you see how a box with a 4 pixel rgb(210, 190, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 190, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 190, 223);  
box-shadow:4px 4px 4px 4px rgb(210, 190,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3111, 55.8563, 77.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 190, 223) }
```

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

```
.background{ background-color: rgb(210,  
190, 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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