

Converting Colors

XYZ(68.5140, 61.7182, 80.2534)

Have a look what the booklet for
XYZ(68.5140, 61.7182, 80.2534)
contains.

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Color

**XYZ(68.5123, 61.7155,
80.2528)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C0E2
RGB	240, 192, 226
RGB Percent	94%, 75%, 89%
CMY	0.0588, 0.2470, 0.1137
CMYK	0.00, 0.20, 0.06, 0.06
HSL	318°, 62%, 85%
HSV	318°, 20%, 94%
XYZ	68.5123, 61.7155, 80.2528
YIQ	210.2280, 17.6940, 20.7500

Conversions

Conversions Part 2

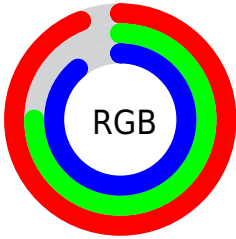
Format	Color
R_{YB}	240, 192, 226
Decimal	15778018
CIE _{Lab}	82.76, 22.61, -10.38
CIE _{LCh}	83, 24.883, 335.341
Yxy	61.7155, 0.3255, 0.2932
Android (android.graphics.Color)	4293968098 (0xFFFF0C0E2)
YUV	210.2280, 7.7756, 26.1100
Hunter-Lab	78.5592, 18.1931, -5.5767

Details

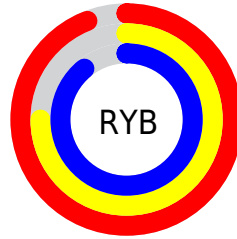
The XYZ color **68.5123, 61.7155, 80.2528** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.0414, 77.9847, 70.0733**, and the grayscale version is **61.3522, 64.5473, 70.2920**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **36.2063, 31.3076, 42.6628** is the 20% darker color. If you saturate the color by 10%, you get **62.7255, 51.6472, 73.6811**, and if you desaturate by 10%, it is **75.2012, 73.5234, 87.3202**.

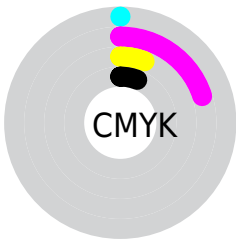
Distribution



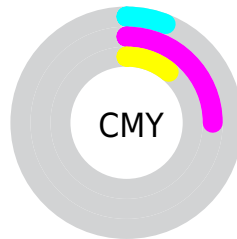
- Red (94%)
- Green (75%)
- Blue (89%)



- Red (94%)
- Yellow (75%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5123, 61.7155, 80.2528 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 68.5123, 61.7155, 80.2528 by changing the saturation by 10% instead.


 68.5123, 61.7155,
80.2528

 68.5123, 61.7155,
80.2528


444.6573,
430.8926, 515.5136

 50.5898, 44.8029,
59.3990

 116.1226,
107.3142, 135.5357

 36.1020, 31.3022,
42.5123

146.5412,
136.7691, 170.8019

 24.6835, 20.8291,
29.1741


181.8558,
171.1736, 211.7093

 15.9688, 12.9991,
18.9658

222.4318,
210.9119, 258.6765

 9.5928, 7.4279,
11.4690

268.6346,
256.3686, 312.1220

 5.1900, 3.7311,
6.2651

320.8296,

 2.3951, 1.5243,

307.9280, 372.4643

2.9356

379.3820,
365.9745, 440.1220

■ 0.8427, 0.3058,
1.0618

■ 0.0000, 0.0000,
0.0000

■ 68.5123, 61.7155,
80.2528

■ 68.5123, 61.7155,
80.2528

■ 62.7255, 51.6472,
73.6811

■ 75.2012, 73.5234,
87.3202

■ 57.7933, 43.2270,
67.5848

■ 82.8260, 87.1405,
94.8945

■ 53.6721, 36.3674,
61.9478

■ 88.4847, 96.7611,
102.0115

■ 50.3118, 30.9693,
56.7510

■ 89.5857, 97.2015,
107.8094

■ 47.6570, 26.9223,
51.9736

■ 89.7456, 97.2655,
108.6518

■ 45.6442, 24.1004,
47.5918

■ 44.1978, 22.3531,
43.5781

■ 43.1910, 21.4277,
39.8875

■ 43.1908, 21.4276,
39.8869

Harmonies

Analogous

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



64.8122, 61.7155, 94.2061



68.5123, 61.7155, 80.2528



69.5079, 61.7155, 64.4925

Triad

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



68.5123, 61.7155, 80.2528



57.7064, 61.7155, 41.9273



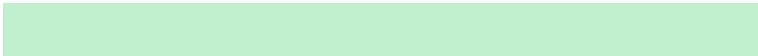
50.6618, 61.7155, 85.7191

Complementary

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



68.5123, 61.7155, 80.2528



64.0414, 77.9847, 70.0733

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.



49.0017, 61.7155, 69.9775



68.5123, 61.7155, 80.2528



52.9076, 61.7155, 45.9181

Square

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



68.5123, 61.7155, 80.2528



63.0557, 61.7155, 43.8233



49.7983, 61.7155, 55.6412



54.4710, 61.7155, 97.6831

Rectangle

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



68.5123, 61.7155, 80.2528



68.4549, 61.7155, 55.3612



49.7983, 61.7155, 55.6412



49.8448, 61.7155, 80.6114

Sweetspot

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



68.5141, 61.7182, 80.2541



89.6515, 90.3396, 103.5968



59.9231, 57.0583, 90.2942



19.0685, 19.1213, 22.0532



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.



68.5141, 61.7182, 80.2541



75.7950, 65.8777, 88.9552



65.4951, 60.5106, 64.3563



16.2463, 15.9482, 18.8532



23.7037, 11.7539, 22.1543



2.0150, 0.9950, 2.0699

Inverse Universe

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



68.5141, 61.7182, 80.2541



75.7950, 65.8777, 88.9552



67.1272, 79.2190, 86.3232



16.2463, 15.9482, 18.8532



23.7037, 11.7539, 22.1543



2.0150, 0.9950, 2.0699

Previews

White Background



This preview shows how the XYZ color 68.5123, 61.7155, 80.2528 looks on a white background.

Color Contrast Check

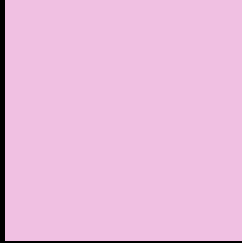
Large Text (above 18pt) WCAG AA × Fail

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 68.5123, 61.7155, 80.2528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

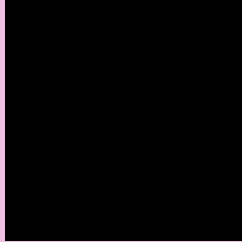
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.5123, 61.7155, 80.2528

Background



This preview shows how black text looks on a background with the XYZ color 68.5123, 61.7155, 80.2528.



This preview shows how white text looks on a background with the XYZ color 68.5123, 61.7155,

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

68.5123, 61.7155, 80.2528

Protanopia

61.0397, 62.1597, 86.6228

Deuteranopia

63.2546, 62.0605, 79.1660



Tritanopia

66.4079, 61.8605, 69.4130

Trichromacy



Original Color

68.5123, 61.7155, 80.2528

Protanomaly

63.3970, 61.6770, 84.1648

Deuteranomaly

65.1487, 61.9932, 79.7663

Tritanomaly

67.2831, 61.8922, 73.3659

Monochromacy



Original Color

68.5123, 61.7155, 80.2528

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.5694, 63.0419, 73.7836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5123, 61.7155, 80.2528 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(240, 192, 226) looks like.

```
.text, #text, p{  
    color:rgb(240, 192, 226)  
}
```

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(240, 192, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 192, 226) }
```

Border

The CSS property to change the border of an element to XYZ 68.5123, 61.7155, 80.2528 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(240, 192, 226) }
```


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

```
.border{ border-color:rgb(240, 192, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 192, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 192, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 192, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 192,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5123, 61.7155, 80.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 192, 226) }
```

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

```
.background{ background-color: rgb(240,  
192, 226) }
```

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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