

Converting Colors

XYZ(68.9681, 62.9896, 80.9055)

Have a look what the booklet for
XYZ(68.9681, 62.9896, 80.9055)
contains.

XYZ(68.9768, 62.9270, 81.1837)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.9768, 62.9270,
81.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC3E3
RGB	239, 195, 227
RGB Percent	94%, 76%, 89%
CMY	0.0627, 0.2353, 0.1098
CMYK	0.00, 0.18, 0.05, 0.06
HSL	316°, 58%, 85%
HSV	316°, 18%, 94%
XYZ	68.9768, 62.9270, 81.1837
YIQ	211.8040, 15.9520, 19.2800

Conversions

Conversions Part 2

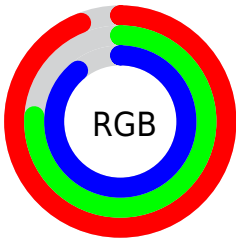
Format	Color
R _Y B	239, 195, 227
Decimal	15713251
CIE Lab	83.40, 20.86, -9.97
CIE LCh	83, 23.118, 334.451
Yxy	62.9270, 0.3237, 0.2953
Android (android.graphics.Color)	4293903331 (0xFFEFC3E3)
YUV	211.8040, 7.4916, 23.8509
Hunter-Lab	79.3265, 16.3896, -5.1495

Details

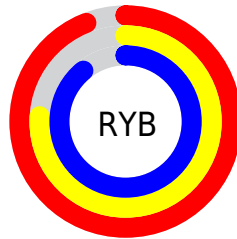
The XYZ color **68.9768, 62.9270, 81.1837** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.6371, 77.8418, 70.6532**, and the grayscale version is **62.3951, 65.6446, 71.4869**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **36.4997, 32.0956, 43.3011** is the 20% darker color. If you saturate the color by 10%, you get **63.1621, 52.7095, 74.8906**, and if you desaturate by 10%, it is **75.6863, 74.8777, 87.9446**.

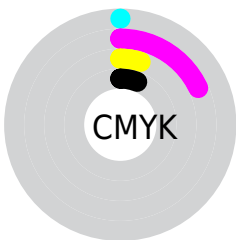
Distribution



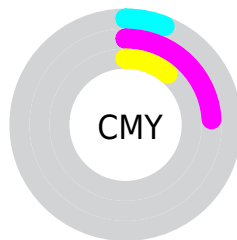
- Red (94%)
- Green (76%)
- Blue (89%)



- Red (94%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.9768, 62.9270, 81.1837 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 68.9768, 62.9270, 81.1837 by changing the saturation by 10% instead.


 68.9768, 62.9270,
81.1837

 68.9768, 62.9270,
81.1837


446.2718,
435.3045, 518.7247

 50.9694, 45.7822,
60.1610


 116.7827,
109.0642, 136.8551

 36.4052, 32.0739,
43.1223


147.3119,
138.8253, 172.3408

 24.9189, 21.4180,
29.6490


182.7457,
173.5607, 213.4847

 16.1450, 13.4299,
19.3225

223.4495,
213.6546, 260.7052

 9.7183, 7.7252,
11.7244

269.7887,
259.4916, 314.4210

 5.2734, 3.9196,
6.4360

322.1285,

 2.4450, 1.6287,

311.4560, 375.0504

3.0389

380.8345,
369.9321, 443.0121

■ 0.8676, 0.3768,
1.1146

■ 0.0000, 0.0000,
0.0000

■ 68.9768, 62.9270,
81.1837

■ 68.9768, 62.9270,
81.1837

■ 63.1621, 52.7095,
74.8906

■ 75.6863, 74.8777,
87.9446

■ 58.1956, 44.1355,
69.0457

■ 83.3235, 88.6295,
95.1839

■ 54.0348, 37.1195,
63.6338

■ 88.0773, 96.5590,
101.6338

■ 50.6312, 31.5651,
58.6368

■ 89.0988, 96.9676,
107.0130

■ 47.9309, 27.3652,
54.0348

■ 89.4070, 97.0909,
108.6359

■ 45.8725, 24.3978,
49.8054

■ 44.3837, 22.5189,
45.9224

■ 43.3615, 21.5228,
42.3495

■ 43.2187, 21.3996,
41.8016

Harmonies

Analogous

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



65.4557, 62.9270, 94.0173



68.9768, 62.9270, 81.1837



69.9907, 62.9270, 66.3875

Triad

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



68.9768, 62.9270, 81.1837



59.0620, 62.9270, 44.4251



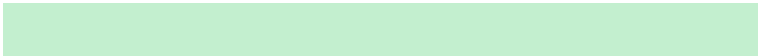
52.1770, 62.9270, 85.4288

Complementary

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



68.9768, 62.9270, 81.1837



64.6371, 77.8418, 70.6532

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.



50.6682, 62.9270, 70.6911



68.9768, 62.9270, 81.1837



54.4990, 62.9270, 48.1024

Square

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



68.9768, 62.9270, 81.1837



64.0834, 62.9270, 46.4226



51.4940, 62.9270, 57.2412



55.7313, 62.9270, 96.6995

Rectangle

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



68.9768, 62.9270, 81.1837



69.0631, 62.9270, 57.6694



51.4940, 62.9270, 57.2412



51.4231, 62.9270, 80.6457

Sweetspot

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



68.9786, 62.9298, 81.1850



89.6971, 90.3578, 103.8370



60.7554, 58.4924, 89.7502



19.0793, 19.1256, 22.1101



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.



68.9786, 62.9298, 81.1850



77.3238, 68.3342, 91.3179



66.1656, 61.8045, 66.3716



16.2596, 15.9535, 18.9231



23.9413, 11.8490, 23.4053



2.0332, 1.0023, 2.1657

Inverse Universe

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



68.9786, 62.9298, 81.1850



77.3238, 68.3342, 91.3179



67.4799, 78.9789, 85.6231



16.2596, 15.9535, 18.9231



23.9413, 11.8490, 23.4053



2.0332, 1.0023, 2.1657

Previews

White Background



This preview shows how the XYZ color 68.9768, 62.9270, 81.1837 looks on a white background.

Color Contrast Check

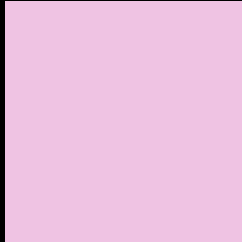
Large Text (above 18pt) WCAG AA × Fail

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 68.9768, 62.9270, 81.1837 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 68.9768, 62.9270, 81.1837

Background



This preview shows how black text looks on a background with the XYZ color 68.9768, 62.9270, 81.1837.



This preview shows how white text looks on a background with the XYZ color 68.9768, 62.9270,

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

68.9768, 62.9270, 81.1837

Protanopia

62.0659, 63.4035, 86.8088

Deuteranopia

64.3632, 62.9477, 80.7093



Tritanopia

66.9015, 62.7411, 71.5349

Trichromacy



Original Color

68.9768, 62.9270, 81.1837

Protanomaly

64.3950, 63.2331, 84.4125

Deuteranomaly

65.8294, 62.6687, 80.5782

Tritanomaly

67.6547, 62.7190, 74.8698

Monochromacy



Original Color

68.9768, 62.9270, 81.1837

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.7199, 64.6820, 74.7194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9768, 62.9270, 81.1837 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(239, 195, 227)` looks like.

```
.text, #text, p{  
    color:rgb(239, 195, 227)  
}
```

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(239, 195, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 195, 227) }
```

Border

The CSS property to change the border of an element to XYZ 68.9768, 62.9270, 81.1837 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(239, 195, 227) }
```


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

```
.border{ border-color:rgb(239, 195, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 195, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 195, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 195, 227);  
box-shadow:4px 4px 4px 4px rgb(239, 195,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9768, 62.9270, 81.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 195, 227) }
```

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

```
.background{ background-color: rgb(239,  
195, 227) }
```

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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