

Converting Colors

XYZ(84.7637, 83.5549,
100.1527)

Have a look what the booklet for
XYZ(84.7637, 83.5549, 100.1527)
contains.

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Color

**XYZ(85.0238, 83.8802,
100.5162)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE6F8
RGB	251, 230, 248
RGB Percent	98%, 90%, 97%
CMY	0.0157, 0.0980, 0.0274
CMYK	0.00, 0.08, 0.01, 0.02
HSL	309°, 72%, 94%
HSV	309°, 8%, 98%
XYZ	85.0238, 83.8802, 100.5162
YIQ	238.3310, 6.7380, 10.0500

Conversions

Conversions Part 2

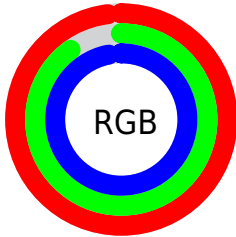
Format	Color
R _Y B	251, 230, 248
Decimal	16508664
CIE Lab	93.40, 10.22, -6.12
CIE LCh	93, 11.915, 329.083
Yxy	83.8802, 0.3156, 0.3113
Android (android.graphics.Color)	4294698744 (0xFFFB E6F8)
YUV	238.3310, 4.7668, 11.1107
Hunter-Lab	91.5861, 5.4344, -0.9608

Details

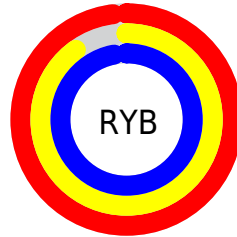
The XYZ color **85.0238, 83.8802, 100.5162** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.8416, 91.7029, 90.4822**, and the grayscale version is **81.4871, 85.7308, 93.3608**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8986, 45.5472, 56.1888** is the 20% darker color. If you saturate the color by 10%, you get **77.9853, 70.6840, 95.4517**, and if you desaturate by 10%, it is **93.0497, 99.0317, 105.9645**.

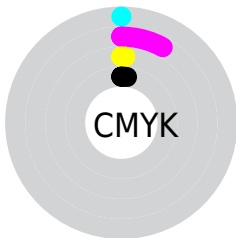
Distribution



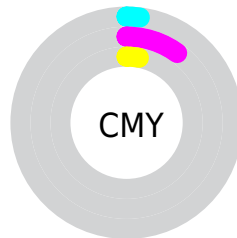
- Red (98%)
- Green (90%)
- Blue (97%)



- Red (98%)
- Yellow (90%)
- Blue (97%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0238, 83.8802, 100.5162 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 85.0238, 83.8802, 100.5162 by changing the saturation by 10% instead.


 85.0238, 83.8802,
100.5162

 85.0238, 83.8802,
100.5162


500.1893,
507.9153, 583.1072

 64.1836, 62.9165,
76.1124


139.3203,
138.8076, 163.9244

 47.0616, 45.7737,
56.0175


173.5073,
173.5401, 203.7660

 33.2925, 32.0673,
39.8129


212.8739,
213.6310, 249.5905

 22.5109, 21.4129,
27.0800

257.7856,
259.4647, 301.8166

 14.3515, 13.4261,
17.4003

308.6076,
311.4256, 360.8628

 8.4489, 7.7226,
10.3554

365.7053,

 4.4377, 3.9180,

369.8981, 427.1476

5.5265

429.4441,
435.2665, 501.0895

■ 1.9526, 1.6278,
2.4953

■ 0.6071, 0.3762,
0.8377

■ 85.0238, 83.8802,
100.5162

■ 85.0238, 83.8802,
100.5162

■ 77.9853, 70.6840,
95.4517

■ 93.0497, 99.0317,
105.9645

■ 71.9178, 59.4142,
90.7622

■ 93.5943, 99.2495,
108.8319

■ 66.7780, 49.9828,
86.4340

■ 62.5162, 42.2907,
82.4502

■ 59.0781, 36.2292,
78.7924

■ 56.4032, 31.6776,
75.4401

■ 54.4228, 28.4984,
72.3702

■ 53.0555, 26.5291,
69.5552

■ 52.1875, 25.5421,
66.9568

Harmonies

Analogous

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



82.6995, 83.8802, 107.3081



85.0238, 83.8802, 100.5162



85.9225, 83.8802, 91.6086

Triad

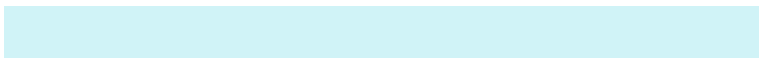
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0238, 83.8802, 100.5162



79.8224, 83.8802, 75.0949



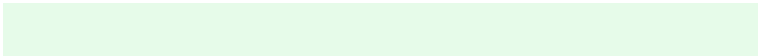
74.5597, 83.8802, 100.0056

Complementary

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



85.0238, 83.8802, 100.5162



81.8416, 91.7029, 90.4822

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.



73.8341, 83.8802, 91.0546



85.0238, 83.8802, 100.5162



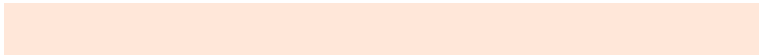
76.8238, 83.8802, 77.0246

Square

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



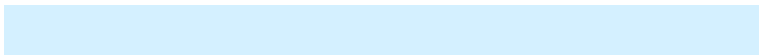
85.0238, 83.8802, 100.5162



82.8713, 83.8802, 77.2721



74.6522, 83.8802, 82.7237



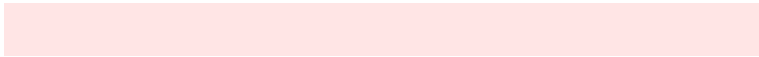
76.6605, 83.8802, 107.0000

Rectangle

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



85.0238, 83.8802, 100.5162



85.5747, 83.8802, 85.7885



74.6522, 83.8802, 82.7237



74.1493, 83.8802, 97.1078

Sweetspot

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



85.0262, 83.8838, 100.5180



92.4824, 95.1456, 107.1783



79.2520, 80.8529, 102.6973



19.6517, 20.0944, 22.8434



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.



85.0262, 83.8838, 100.5180



86.8667, 84.5633, 103.3055



83.4719, 83.2621, 92.3331



17.8801, 17.4794, 21.2244



27.4101, 13.3797, 35.1974



2.5669, 1.2505, 3.4089

Inverse Universe

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



85.0262, 83.8838, 100.5180



86.8667, 84.5633, 103.3055



83.3562, 92.3088, 98.4583



17.8801, 17.4794, 21.2244



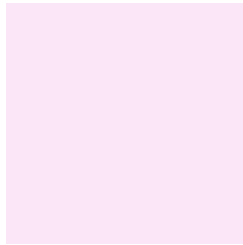
27.4101, 13.3797, 35.1974



2.5669, 1.2505, 3.4089

Previews

White Background



This preview shows how the XYZ color 85.0238, 83.8802, 100.5162 looks on a white background.

Color Contrast Check

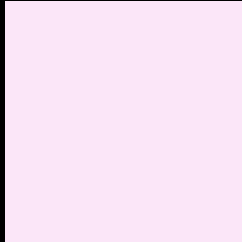
Large Text (above 18pt) WCAG AA × Fail

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 85.0238, 83.8802, 100.5162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

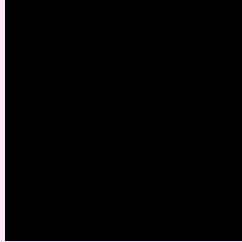
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0238, 83.8802, 100.5162

Background



This preview shows how black text looks on a background with the XYZ color 85.0238, 83.8802, 100.5162.



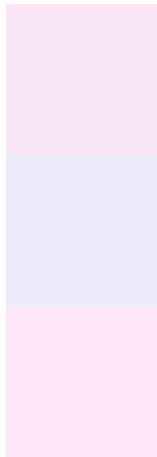
This preview shows how white text looks on a background with the XYZ color 85.0238, 83.8802,

100.5162.

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

85.0238, 83.8802, 100.5162

Protanopia

81.7130, 84.2146, 103.2151

Deuteranopia

85.8356, 83.8868, 100.4747



Tritanopia

85.0238, 83.8802, 100.5162

Trichromacy



Original Color

85.0238, 83.8802, 100.5162

Protanomaly

82.6699, 83.8807, 102.2759

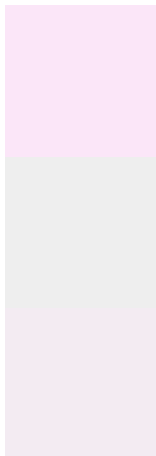
Deuteranomaly

85.4706, 83.6986, 100.4576

Tritanomaly

85.0238, 83.8802, 100.5162

Monochromacy



Original Color

85.0238, 83.8802, 100.5162

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.6975, 84.8822, 96.0297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0238, 83.8802, 100.5162 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(251, 230, 248)` looks like.

```
.text, #text, p{  
    color:rgb(251, 230, 248)  
}
```

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(251, 230, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 230, 248) }
```

Border

The CSS property to change the border of an element to XYZ 85.0238, 83.8802, 100.5162 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(251, 230, 248) }
```


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

```
.border{ border-color:rgb(251, 230, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 230, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 230, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 230, 248); box-shadow:4px 4px 4px 4px rgb(251, 230, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0238, 83.8802, 100.5162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 230, 248) }
```

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

```
.background{ background-color: rgb(251,  
230, 248) }
```

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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