

# Converting Colors

XYZ(84.6977, 84.4530, 92.5262)

Have a look what the booklet for  
XYZ(84.6977, 84.4530, 92.5262)  
contains.

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# **Color**

**XYZ(84.5165, 84.2075,  
92.6881)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDE7EE
RGB	253, 231, 238
RGB Percent	99%, 91%, 93%
CMY	0.0078, 0.0941, 0.0667
CMYK	0.00, 0.09, 0.06, 0.01
HSL	341°, 85%, 95%
HSV	341°, 9%, 99%
XYZ	84.5165, 84.2075, 92.6881
YIQ	238.3760, 10.8650, 6.8410

# Conversions

## Conversions Part 2

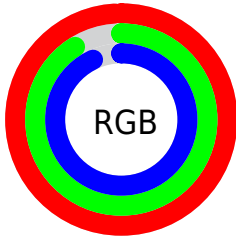
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 231, 238
Decimal	16639982
CIE Lab	93.54, 8.65, -0.68
CIE LCh	94, 8.677, 355.476
Yxy	84.2075, 0.3233, 0.3221
Android (android.graphics.Color)	4294830062 (0xFFFDE7EE)
YUV	238.3760, -0.1854, 12.8252
Hunter-Lab	91.7646, 3.8128, 4.3486

# Details

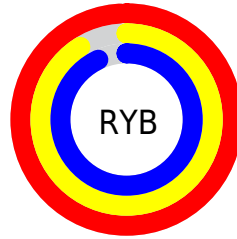
The XYZ color **84.5165, 84.2075, 92.6881** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7180, 93.8954, 100.8518**, and the grayscale version is **81.5568, 85.8041, 93.4407**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5384, 45.7731, 50.6382** is the 20% darker color. If you saturate the color by 10%, you get **75.5266, 70.0910, 77.7791**, and if you desaturate by 10%, it is **94.3184, 99.6229, 108.8658**.

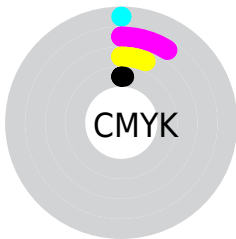
# Distribution



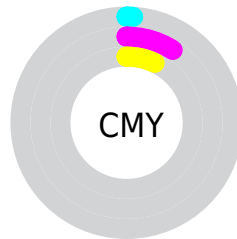
- Red (99%)
- Green (91%)
- Blue (93%)



- Red (99%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (1%)




- Cyan (1%)
- Magenta (9%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5165, 84.2075, 92.6881 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 84.5165, 84.2075, 92.6881 by changing the saturation by 10% instead.




 84.5165, 84.2075,  
92.6881

 84.5165, 84.2075,  
92.6881

498.5346,  
509.0020, 557.5310

 63.7631, 63.1868,  
69.6261


138.6150,  
139.2654, 153.0347

 46.7198, 45.9923,  
50.7468


172.6908,  
174.0714, 191.1563

 33.0212, 32.2398,  
35.6318


211.9381,  
214.2412, 235.1349

 22.3020, 21.5447,  
23.8626


256.7222,  
260.1593, 285.3890

 14.1968, 13.5227,  
15.0204

307.4086,  
312.2100, 342.3371

 8.3403, 7.7895,  
8.6869

364.3626,

 4.3671, 3.9605,

370.7778, 406.3978

4.4435

427.9495,  
436.2470, 477.9896

■ 1.9118, 1.6515,  
1.8717

■ 0.5837, 0.3920,  
0.4746

■ 84.5165, 84.2075,  
92.6881

■ 84.5165, 84.2075,  
92.6881

■ 75.5266, 70.0910,  
77.7791

94.3184, 99.6229,  
108.8658

■ 67.7503, 58.0249,  
64.4387

■ 61.1360, 47.9162,  
52.6156

■ 55.6255, 39.6606,  
42.2537

■ 51.1556, 33.1439,  
33.2932

■ 47.6560, 28.2392,  
25.6697

■ 45.0475, 24.8021,  
19.3130

■ 43.2372, 22.6620,  
14.1455

■ 42.0949, 21.5749,  
10.0730

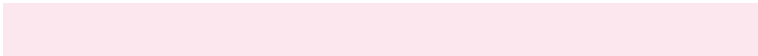
# Harmonies

## Analogous

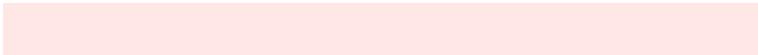
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7274, 84.2075, 99.0378



84.5165, 84.2075, 92.6881



84.0866, 84.2075, 86.3588

# Triad

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



84.5165, 84.2075, 92.6881



78.1537, 84.2075, 80.7460



77.5619, 84.2075, 102.4981

# Complementary

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



84.5165, 84.2075, 92.6881



84.7180, 93.8954, 100.8518

# Split Complementary

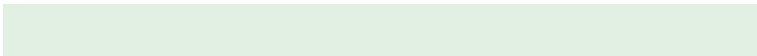
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1190, 84.2075, 97.2313



84.5165, 84.2075, 92.6881



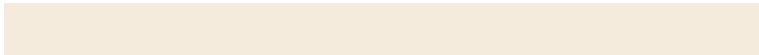
76.4561, 84.2075, 84.7104

# Square

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



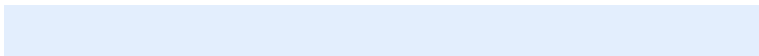
84.5165, 84.2075, 92.6881



80.3853, 84.2075, 79.6582



75.7181, 84.2075, 90.6944



79.6891, 84.2075, 104.8710

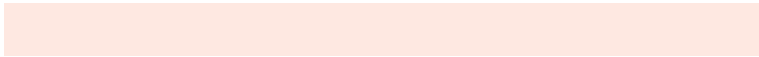


# Rectangle

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



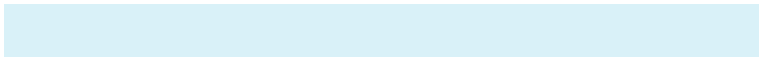
84.5165, 84.2075, 92.6881



83.1708, 84.2075, 82.9700



75.7181, 84.2075, 90.6944



76.9823, 84.2075, 100.9956

# Sweetspot

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



84.5189, 84.2112, 92.6899



91.8292, 94.8843, 103.7388



84.1976, 83.7802, 104.6630



19.4753, 20.0238, 21.9146



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

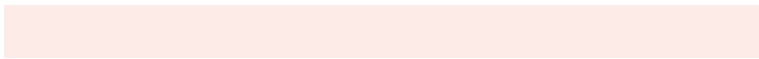
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5189, 84.2112, 92.6899



84.7733, 83.7259, 92.2818



84.5476, 85.8817, 87.7264



18.2474, 18.0823, 19.9200



22.3865, 11.4439, 5.4195



2.2269, 1.1331, 0.7761



# Inverse Universe

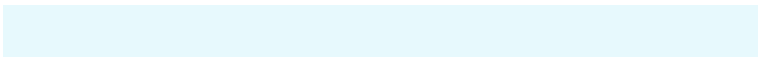
The Inverse Universe completely reimagines the original color for something new.



84.5189, 84.2112, 92.6899



84.7733, 83.7259, 92.2818



84.6662, 92.0407, 106.2328



18.2474, 18.0823, 19.9200



22.3865, 11.4439, 5.4195

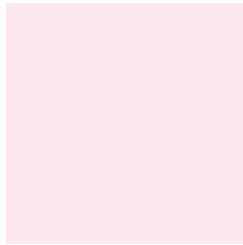


2.2269, 1.1331, 0.7761



# Previews

## White Background



This preview shows how the XYZ color 84.5165, 84.2075, 92.6881 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

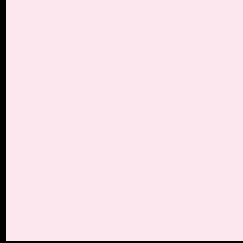
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 84.5165, 84.2075, 92.6881 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

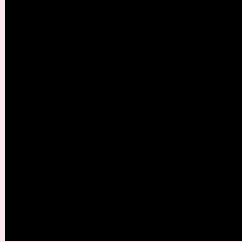
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 84.5165, 84.2075, 92.6881

## Background



This preview shows how black text looks on a background with the XYZ color 84.5165, 84.2075, 92.6881.



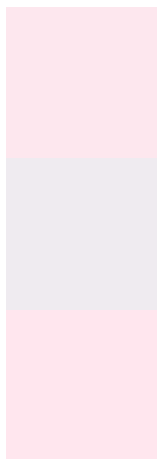
This preview shows how white text looks on a background with the XYZ color 84.5165, 84.2075,

92.6881.

# 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

84.5165, 84.2075, 92.6881

### Protanopia

81.0331, 84.0587, 94.3921

### Deuteranopia

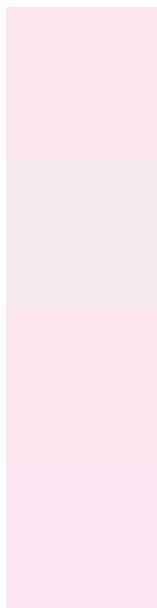
84.9694, 84.0267, 92.6293



## Tritanopia

86.1131, 84.4418, 100.5672

# Trichromacy



## Original Color

84.5165, 84.2075, 92.6881

## Protanomaly

82.3110, 84.3107, 93.5967

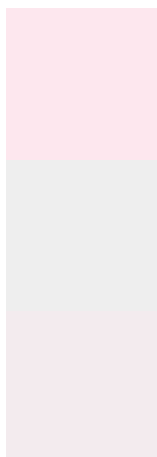
## Deuteranomaly

84.6025, 83.8375, 92.6121

## Tritanomaly

85.4990, 84.1961, 97.3331

# Monochromacy



## Original Color

84.5165, 84.2075, 92.6881

## Achromatopsia

81.2670, 85.4993, 93.1087

## Achromatomaly

82.1031, 84.6444, 92.8996

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 84.5165, 84.2075, 92.6881 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(253, 231, 238) looks like.

```
.text, #text, p{  
    color:rgb(253, 231, 238)  
}
```

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(253, 231, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 231, 238) }
```

## Border

The CSS property to change the border of an element to XYZ 84.5165, 84.2075, 92.6881 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(253, 231, 238) }
```



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

```
.border{ border-color:rgb(253, 231, 238) }
```

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

Here you see how a box with a 4 pixel rgb(253, 231, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 231, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 231, 238);  
box-shadow:4px 4px 4px 4px rgb(253, 231,  
238) }
```

# Background

The CSS property to change the background color of an element to XYZ 84.5165, 84.2075, 92.6881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 231, 238) }
```

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

```
.background{ background-color: rgb(253,  
231, 238) }
```

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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