

# Converting Colors

XYZ(82.0798, 84.4043, 90.1861)

Have a look what the booklet for  
XYZ(82.0798, 84.4043, 90.1861)  
contains.

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# **Color**

**XYZ(82.0744, 84.2563,  
90.5346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5EAEB
RGB	245, 234, 235
RGB Percent	96%, 92%, 92%
CMY	0.0392, 0.0823, 0.0784
CMYK	0.00, 0.04, 0.04, 0.04
HSL	355°, 35%, 94%
HSV	355°, 4%, 96%
XYZ	82.0744, 84.2563, 90.5346
YIQ	237.4030, 6.2350, 2.6430

# Conversions

## Conversions Part 2

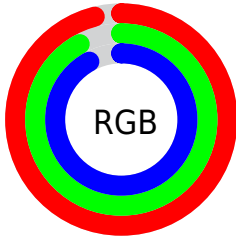
Format	Color
R <sub>Y</sub> B	245, 234, 235
Decimal	16116459
CIE Lab	93.56, 3.88, 0.83
CIE LCh	94, 3.970, 12.089
Yxy	84.2563, 0.3195, 0.3280
Android (android.graphics.Color)	4294306539 (0xFF5EAEB)
YUV	237.4030, -1.1847, 6.6626
Hunter-Lab	91.7912, -1.0303, 5.7755

# Details

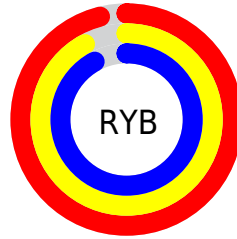
The XYZ color **82.0744, 84.2563, 90.5346** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9164, 89.3310, 98.4648**, and the grayscale version is **80.8143, 85.0230, 92.5900**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0433, 45.9143, 49.1361** is the 20% darker color. If you saturate the color by 10%, you get **72.5562, 70.0521, 72.4622**, and if you desaturate by 10%, it is **91.4666, 98.1527, 108.7323**.

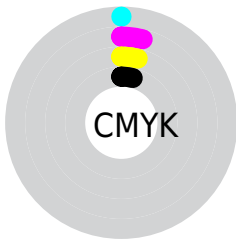
# Distribution



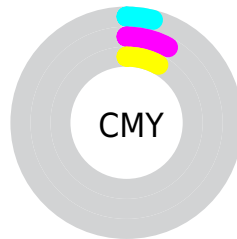
- Red (96%)
- Green (92%)
- Blue (92%)



- Red (96%)
- Yellow (92%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0744, 84.2563, 90.5346 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 82.0744, 84.2563, 90.5346 by changing the saturation by 10% instead.



82.0744, 84.2563,  
90.5346

82.0744, 84.2563,  
90.5346

490.5272,  
509.1640, 550.3833

61.7412, 63.2271,  
67.8479

135.2136,  
139.3336, 150.0228

45.0784, 46.0249,  
49.3081

168.7503,  
174.1505, 187.6613

31.7207, 32.2655,  
34.4966

207.4189,  
214.3321, 231.1209

21.3028, 21.5644,  
22.9949

251.5847,  
260.2628, 280.8201

13.4592, 13.5372,  
14.3845

301.6131,  
312.3269, 337.1773

7.8247, 7.7995,  
8.2468

357.8694,

4.0338, 3.9669,

370.9089, 400.6113

4.1632

420.7190,  
436.3931, 471.5404

■ 1.7213, 1.6551,  
1.7153

■ 0.4695, 0.3943,  
0.3712

■ 82.0744, 84.2563,  
90.5346

■ 82.0744, 84.2563,  
90.5346

■ 72.5562, 70.0521,  
72.4622

■ 91.4666, 98.1527,  
108.7323

■ 64.3491, 57.8499,  
56.7418

■ 57.3979, 47.5630,  
43.2783

■ 51.6403, 39.0940,  
31.9679

■ 47.0089, 32.3372,  
22.6989

■ 43.4296, 27.1757,  
15.3491

■ 40.8193, 23.4781,  
9.7837

■ 39.0822, 21.0922,  
5.8498

■ 38.1027, 19.8319,  
3.3689

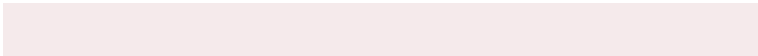
# Harmonies

## Analogous

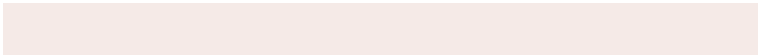
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0204, 84.2563, 93.5313



82.0744, 84.2563, 90.5346



81.5914, 84.2563, 87.9178

# Triad

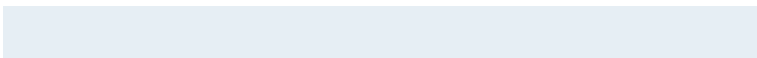
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0744, 84.2563, 90.5346



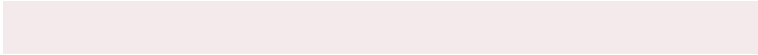
78.7368, 84.2563, 87.5146



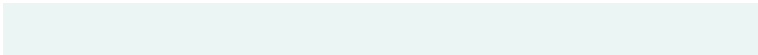
79.4635, 84.2563, 97.3559

# Complementary

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



82.0744, 84.2563, 90.5346



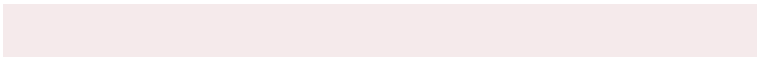
82.9164, 89.3310, 98.4648

# 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.



78.5935, 84.2563, 95.6730



82.0744, 84.2563, 90.5346



78.1765, 84.2563, 89.9733

# Square

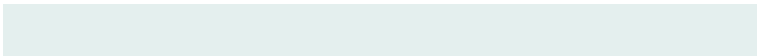
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0744, 84.2563, 90.5346



79.6608, 84.2563, 86.1999



78.1242, 84.2563, 92.9576



80.5069, 84.2563, 97.5142

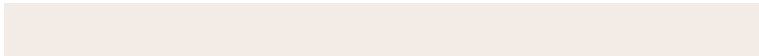


# Rectangle

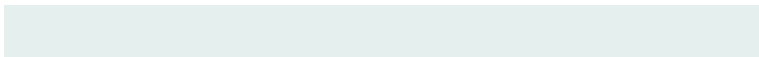
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



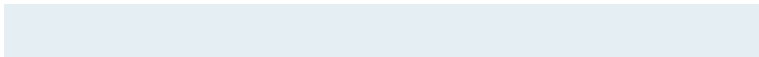
82.0744, 84.2563, 90.5346



81.0323, 84.2563, 86.7234



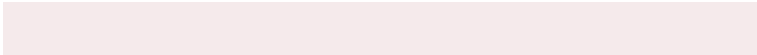
78.1242, 84.2563, 92.9576



79.1413, 84.2563, 96.9481

# Sweetspot

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



82.0768, 84.2600, 90.5364



93.8707, 98.2353, 106.6760



83.1803, 84.6572, 98.3436



20.1046, 21.0450, 22.8565



0.0000, 0.0000, 0.0000

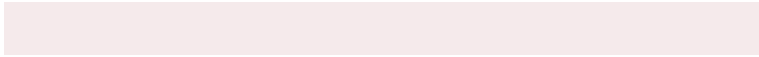


20.3446, 21.4041, 23.3091

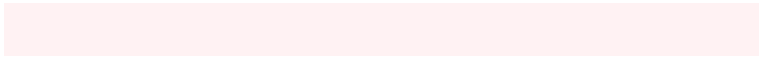


# Same Dimension

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



82.0768, 84.2600, 90.5364



89.3055, 91.4087, 98.0515



83.2011, 86.7382, 90.2033



17.3561, 17.6956, 18.9389



20.3862, 10.4979, 1.4764

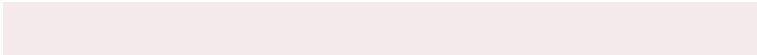


1.8121, 0.9308, 0.2367

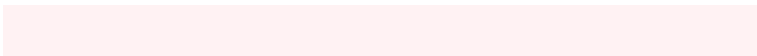


# Inverse Universe

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



82.0768, 84.2600, 90.5364



89.3055, 91.4087, 98.0515



81.7532, 86.7620, 98.8251



17.3561, 17.6956, 18.9389



20.3862, 10.4979, 1.4764

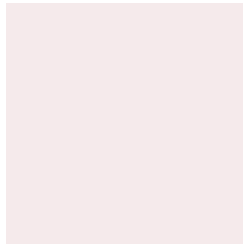


1.8121, 0.9308, 0.2367



# Previews

## White Background



This preview shows how the XYZ color 82.0744, 84.2563, 90.5346 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

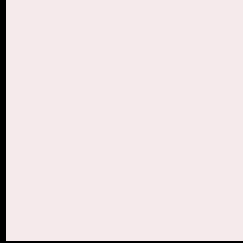
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 82.0744, 84.2563, 90.5346 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

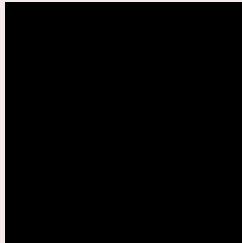
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

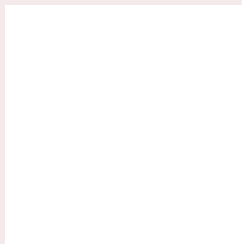
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 82.0744, 84.2563, 90.5346**

## **Background**



This preview shows how black text looks on a background with the XYZ color 82.0744, 84.2563, 90.5346.



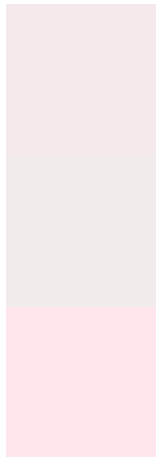
This preview shows how white text looks on a background with the XYZ color 82.0744, 84.2563,

90.5346.

# 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

82.0744, 84.2563, 90.5346

### Protanopia

81.1243, 84.1736, 91.3283

### Deuteranopia

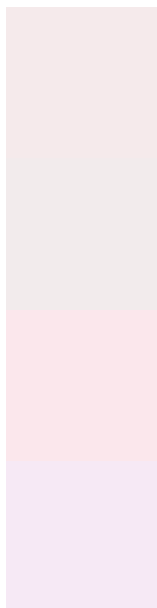
84.6771, 83.9098, 91.0901



## Tritanopia

84.4697, 84.3895, 102.2793

# Trichromacy



## Original Color

82.0744, 84.2563, 90.5346

## Protanomaly

81.4666, 84.3500, 91.3443

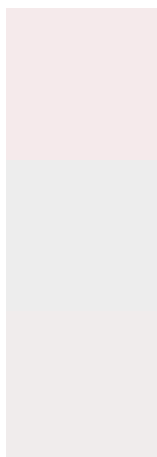
## Deuteranomaly

83.4999, 83.7172, 91.1150

## Tritanomaly

83.6264, 84.4632, 98.2817

# Monochromacy



## Original Color

82.0744, 84.2563, 90.5346

## Achromatopsia

80.4953, 84.6873, 92.2245

## Achromatomaly

81.0710, 84.5723, 91.4081

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 82.0744, 84.2563, 90.5346 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(245, 234, 235) looks like.

```
.text, #text, p{  
    color:rgb(245, 234, 235)  
}
```

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(245, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 234, 235) }
```

## Border

The CSS property to change the border of an element to XYZ 82.0744, 84.2563, 90.5346 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(245, 234, 235) }
```



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

```
.border{ border-color:rgb(245, 234, 235) }
```

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

Here you see how a box with a 4 pixel rgb(245, 234, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 234,  
235) }
```

# Background

The CSS property to change the background color of an element to XYZ 82.0744, 84.2563, 90.5346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 234, 235) }
```

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

```
.background{ background-color: rgb(245,  
234, 235) }
```

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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