

Converting Colors

XYZ(85.1687, 85.0246, 90.8480)

Have a look what the booklet for
XYZ(85.1687, 85.0246, 90.8480)
contains.

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Color

**XYZ(85.0920, 84.9714,
90.5135)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8EB
RGB	255, 232, 235
RGB Percent	100%, 91%, 92%
CMY	0.0000, 0.0902, 0.0784
CMYK	0.00, 0.09, 0.08, 0.00
HSL	352°, 100%, 95%
HSV	352°, 9%, 100%
XYZ	85.0920, 84.9714, 90.5135
YIQ	239.2190, 12.7450, 5.8090

Conversions

Conversions Part 2

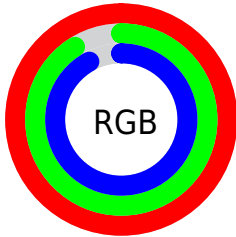
Format	Color
R _Y B	255, 232, 235
Decimal	16771307
CIE Lab	93.87, 8.32, 1.38
CIE LCh	94, 8.429, 9.417
Yxy	84.9714, 0.3266, 0.3261
Android (android.graphics.Color)	4294961387 (0xFFFE8EB)
YUV	239.2190, -2.0800, 13.8399
Hunter-Lab	92.1799, 3.4598, 6.3078

Details

The XYZ color **85.0920, 84.9714, 90.5135** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.6121, 95.7054, 106.0073**, and the grayscale version is **82.2251, 86.5072, 94.2064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9507, 46.3111, 49.1122** is the 20% darker color. If you saturate the color by 10%, you get **75.4212, 70.4418, 72.4549**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (91%)

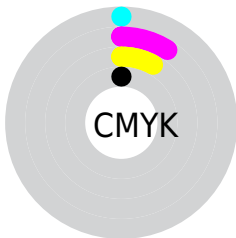
Blue (92%)



Red (100%)

Yellow (91%)

Blue (92%)



Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0920, 84.9714, 90.5135 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 85.0920, 84.9714, 90.5135 by changing the saturation by 10% instead.


 85.0920, 84.9714,
90.5135

 85.0920, 84.9714,
90.5135


500.4115,
511.5334, 550.3130

 64.2401, 63.8177,
67.8305


139.4151,
140.3332, 149.9932

 47.1076, 46.5031,
49.2940


173.6170,
175.3102, 187.6270

 33.3290, 32.6430,
34.4855

212.9997,
215.6637, 231.0815

 22.5391, 21.8531,
22.9865

257.9284,
261.7782, 280.7752

 14.3724, 13.7490,
14.3783

308.7686,
314.0380, 337.1266

 8.4635, 7.9463,
8.2425

365.8857,

 4.4472, 4.0606,

372.8275, 400.5544

4.1605

429.6448,
438.5312, 471.4770

■ 1.9581, 1.7075,
1.7138

■ 0.6103, 0.4285,
0.3702

■ 85.0920, 84.9714,
90.5135

■ 85.0920, 84.9714,
90.5135

■ 75.4212, 70.4418,
72.4549

95.0500, 100.0000,
108.9000

■ 67.1301, 58.0562,
56.7537

■ 60.1573, 47.7161,
43.3140

■ 54.4343, 39.3112,
32.0311

■ 49.8865, 32.7209,
22.7921

■ 46.4314, 27.8108,
15.4738

■ 43.9752, 24.4282,
9.9394

■ 42.4084, 22.3920,
6.0337

■ 41.5765, 21.4381,
3.5680

Harmonies

Analogous

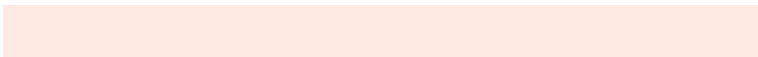
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8673, 84.9714, 96.9295



85.0920, 84.9714, 90.5135



84.1402, 84.9714, 84.8973

Triad

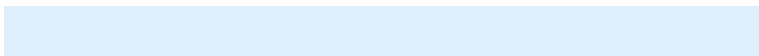
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0920, 84.9714, 90.5135



78.0555, 84.9714, 83.3027



79.2562, 84.9714, 104.5691

Complementary

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



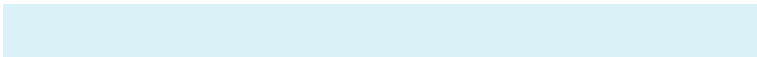
85.0920, 84.9714, 90.5135



86.6121, 95.7054, 106.0073

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.



77.4770, 84.9714, 100.5846



85.0920, 84.9714, 90.5135



76.7927, 84.9714, 88.2451

Square

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



85.0920, 84.9714, 90.5135



80.0593, 84.9714, 80.8629



76.5829, 84.9714, 94.5547



81.4704, 84.9714, 105.2455

Rectangle

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



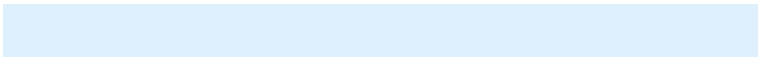
85.0920, 84.9714, 90.5135



82.9767, 84.9714, 82.2896



76.5829, 84.9714, 94.5547



78.5886, 84.9714, 103.5637

Sweetspot

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



85.0939, 84.9749, 90.5153



91.6050, 94.7946, 102.5582



87.0294, 85.6198, 106.5471



19.4150, 19.9997, 21.5971



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

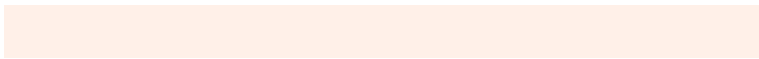
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0939, 84.9749, 90.5153



83.0633, 81.9180, 86.7423



87.0953, 89.6644, 89.0650



18.1057, 18.0256, 19.1736



21.7233, 11.1786, 1.9276



2.1436, 1.0998, 0.3378

Inverse Universe

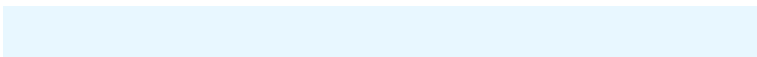
The Inverse Universe completely reimagines the original color for something new.



85.0939, 84.9749, 90.5153



83.0633, 81.9180, 86.7423



84.4598, 90.6350, 107.6505



18.1057, 18.0256, 19.1736



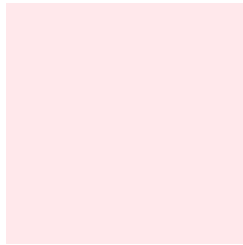
21.7233, 11.1786, 1.9276



2.1436, 1.0998, 0.3378

Previews

White Background



This preview shows how the XYZ color 85.0920, 84.9714, 90.5135 looks on a white background.

Color Contrast Check

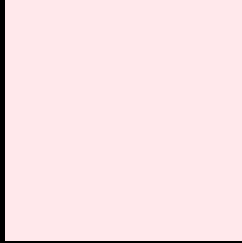
Large Text (above 18pt) WCAG AA × Fail

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 85.0920, 84.9714, 90.5135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

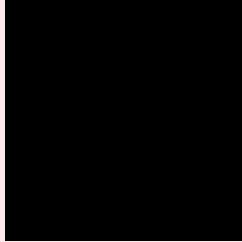
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0920, 84.9714, 90.5135

Background



This preview shows how black text looks on a background with the XYZ color 85.0920, 84.9714, 90.5135.

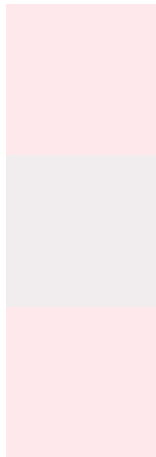


This preview shows how white text looks on a background with the XYZ color 85.0920, 84.9714,

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

85.0920, 84.9714, 90.5135

Protanopia

81.5571, 84.8061, 92.1915

Deuteranopia

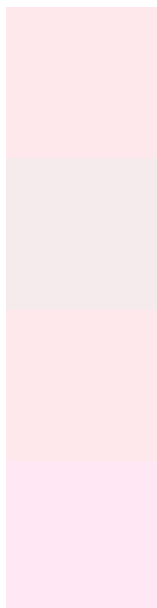
85.2369, 85.0294, 91.2767



Tritanopia

86.6044, 85.1272, 99.8623

Trichromacy



Original Color

85.0920, 84.9714, 90.5135

Protanomaly

82.8547, 85.0656, 91.4093

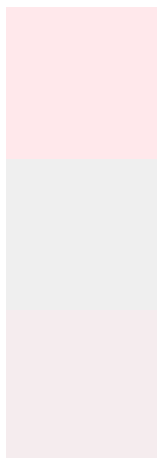
Deuteranomaly

85.2369, 85.0294, 91.2767

Tritanomaly

85.9936, 84.8829, 96.6457

Monochromacy



Original Color

85.0920, 84.9714, 90.5135

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.0843, 85.5764, 93.0278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0920, 84.9714, 90.5135 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(255, 232, 235) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 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(255, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 235) }
```

Border

The CSS property to change the border of an element to XYZ 85.0920, 84.9714, 90.5135 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(255, 232, 235) }
```


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

```
.border{ border-color:rgb(255, 232, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0920, 84.9714, 90.5135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 235) }
```

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

```
.background{ background-color: rgb(255,  
232, 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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