

Converting Colors

XYZ(85.6186, 82.9401,
100.1978)

Have a look what the booklet for
XYZ(85.6186, 82.9401, 100.1978)
contains.

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Color

**XYZ(85.6524, 82.9755,
100.3084)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3F8
RGB	255, 227, 248
RGB Percent	100%, 89%, 97%
CMY	0.0000, 0.1098, 0.0274
CMYK	0.00, 0.11, 0.03, 0.00
HSL	315°, 100%, 95%
HSV	315°, 11%, 100%
XYZ	85.6524, 82.9755, 100.3084
YIQ	237.7660, 9.9470, 12.4670

Conversions

Conversions Part 2

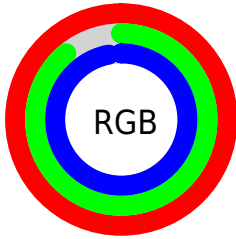
Format	Color
R_{YB}	255, 227, 248
Decimal	16770040
CIE _{Lab}	93.00, 13.11, -6.67
CIE _{LCh}	93, 14.707, 333.037
Yxy	82.9755, 0.3185, 0.3085
Android (android.graphics.Color)	4294960120 (0xFFFFE3F8)
YUV	237.7660, 5.0454, 15.1142
Hunter-Lab	91.0909, 8.4338, -1.5259

Details

The XYZ color **85.6524, 82.9755, 100.3084** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.2923, 93.7926, 91.6118**, and the grayscale version is **81.0456, 85.2663, 92.8550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5557, 45.3166, 56.1097** is the 20% darker color. If you saturate the color by 10%, you get **78.2157, 69.6579, 93.0334**, and if you desaturate by 10%, it is **94.1593, 98.3789, 108.1086**.

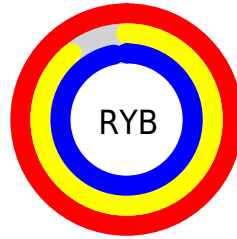
Distribution



Red (100%)

Green (89%)

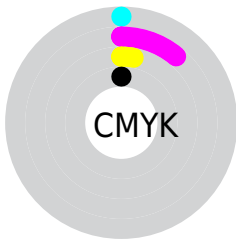
Blue (97%)



Red (100%)

Yellow (89%)

Blue (97%)

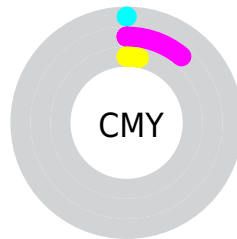


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.6524, 82.9755, 100.3084 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 85.6524, 82.9755, 100.3084 by changing the saturation by 10% instead.


 85.6524, 82.9755,
100.3084

 85.6524, 82.9755,
100.3084


502.2356,
504.9049, 582.4361

 64.7049, 62.1699,
75.9398

140.1936,
137.5411, 163.6365

 47.4856, 45.1700,
55.8768


174.5181,
172.0700, 203.4331

 33.6293, 31.5914,
39.7008


214.0322,
211.9421, 249.2094

 22.7705, 21.0496,
26.9933

259.1014,
257.5418, 301.3840

 14.5439, 13.1602,
17.3358

310.0909,
309.2536, 360.3755

 8.5841, 7.5390,
10.3097

367.3663,

 4.5259, 3.8014,

367.4617, 426.6023

5.4965

431.2927,
432.5507, 500.4830

■ 2.0037, 1.5631,
2.4776

■ 0.6361, 0.3325,
0.8283

■ 85.6524, 82.9755,
100.3084

■ 85.6524, 82.9755,
100.3084

■ 78.2157, 69.6579,
93.0334

94.1593, 98.3789,
108.1086

■ 71.7982, 58.3257,
86.2616

95.0500, 100.0000,
108.9000

■ 66.3528, 48.8847,
79.9768

■ 61.8265, 41.2296,
74.1595

■ 58.1609, 35.2442,
68.7888

■ 55.2911, 30.7991,
63.8411

■ 53.1422, 27.7453,
59.2898

■ 51.6247, 25.9043,
55.1032

■ 50.6715, 25.0326,
51.5955

Harmonies

Analogous

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



82.9725, 82.9755, 109.3188



85.6524, 82.9755, 100.3084



86.4947, 82.9755, 89.2273

Triad

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



85.6524, 82.9755, 100.3084



78.4740, 82.9755, 70.7782



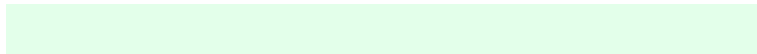
72.8187, 82.9755, 102.4096

Complementary

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



85.6524, 82.9755, 100.3084



82.2923, 93.7926, 91.6118

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.



71.6990, 82.9755, 91.4745



85.6524, 82.9755, 100.3084



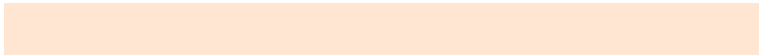
74.8967, 82.9755, 73.7065

Square

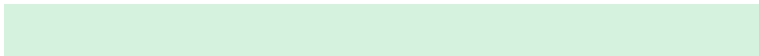
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6524, 82.9755, 100.3084



82.2716, 82.9755, 72.7299



72.4474, 82.9755, 81.0665



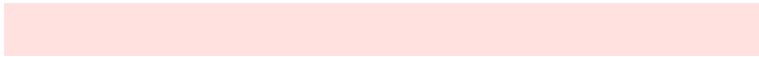
75.5552, 82.9755, 110.5996

Rectangle

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



85.6524, 82.9755, 100.3084



85.8792, 82.9755, 82.2979



72.4474, 82.9755, 81.0665



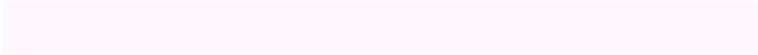
72.2449, 82.9755, 98.9028

Sweetspot

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



85.6542, 82.9788, 100.3102



92.3515, 95.0932, 106.4890



79.4538, 79.6546, 105.7949



19.6162, 20.0802, 22.6568



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.



85.6542, 82.9788, 100.3102



84.0656, 80.1206, 98.7973



83.5626, 82.1422, 89.2960



18.5872, 18.2182, 21.7094



26.5399, 13.1053, 27.2914



2.6278, 1.2935, 2.8872

Inverse Universe

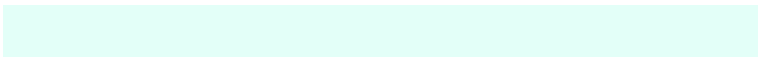
The Inverse Universe completely reimagines the original color for something new.



85.6542, 82.9788, 100.3102



84.0656, 80.1206, 98.7973



84.3839, 94.6293, 102.6259



18.5872, 18.2182, 21.7094



26.5399, 13.1053, 27.2914



2.6278, 1.2935, 2.8872

Previews

White Background



This preview shows how the XYZ color 85.6524, 82.9755, 100.3084 looks on a white background.

Color Contrast Check

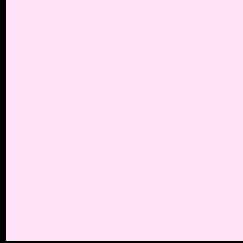
Large Text (above 18pt) WCAG AA × Fail

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 85.6524, 82.9755, 100.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

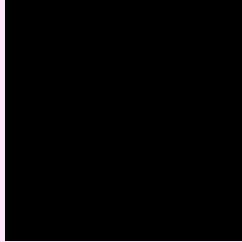
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.6524, 82.9755, 100.3084

Background



This preview shows how black text looks on a background with the XYZ color 85.6524, 82.9755, 100.3084.



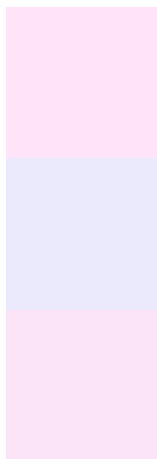
This preview shows how white text looks on a background with the XYZ color 85.6524, 82.9755,

100.3084.

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

85.6524, 82.9755, 100.3084

Protanopia

80.9252, 83.3663, 103.9216

Deuteranopia

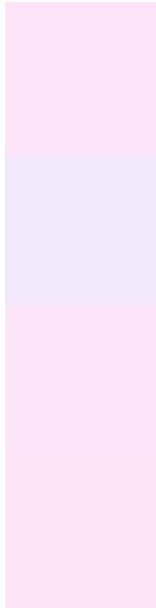
84.8316, 82.9596, 100.3486



Tritanopia

85.1905, 82.7907, 97.8764

Trichromacy



Original Color

85.6524, 82.9755, 100.3084

Protanomaly

82.6065, 82.9941, 102.9324

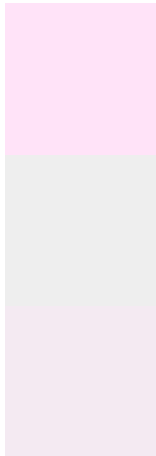
Deuteranomaly

85.1947, 83.1468, 100.3656

Tritanomaly

85.3436, 82.8520, 98.6827

Monochromacy



Original Color

85.6524, 82.9755, 100.3084

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.7581, 84.4895, 95.9507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6524, 82.9755, 100.3084 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, 227, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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(255, 227, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 248) }
```

Border

The CSS property to change the border of an element to XYZ 85.6524, 82.9755, 100.3084 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, 227, 248) }
```


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

```
.border{ border-color:rgb(255, 227, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6524, 82.9755, 100.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 248) }
```

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

```
.background{ background-color: rgb(255,  
227, 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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