

Converting Colors

XYZ(129.9476, 107.9610,
103.1386)

Have a look what the booklet for
XYZ(129.9476, 107.9610, 103.1386)
contains.

XYZ(87.0399, 85.7505, 100.7709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(87.0399, 85.7505,
100.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8F8
RGB	255, 232, 248
RGB Percent	100%, 91%, 97%
CMY	0.0000, 0.0902, 0.0274
CMYK	0.00, 0.09, 0.03, 0.00
HSL	318°, 100%, 95%
HSV	318°, 9%, 100%
XYZ	87.0399, 85.7505, 100.7709
YIQ	240.7010, 8.5720, 9.8520

Conversions

Conversions Part 2

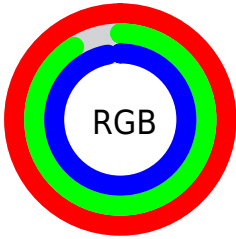
Format	Color
R_{YB}	255, 232, 248
Decimal	16771320
CIE _{Lab}	94.21, 10.52, -4.89
CIE _{LCh}	94, 11.604, 335.051
Yxy	85.7505, 0.3182, 0.3135
Android (android.graphics.Color)	4294961400 (0xFFFFE8F8)
YUV	240.7010, 3.5984, 12.5402
Hunter-Lab	92.6016, 5.7265, 0.3005

Details

The XYZ color **87.0399, 85.7505, 100.7709** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.6212, 94.9090, 95.5240**, and the grayscale version is **83.3437, 87.6840, 95.4879**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3285, 46.8622, 56.3673** is the 20% darker color. If you saturate the color by 10%, you get **79.1972, 71.9521, 92.3394**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

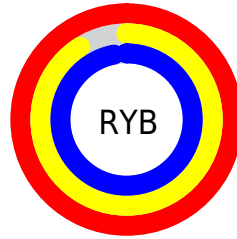
Distribution



Red (100%)

Green (91%)

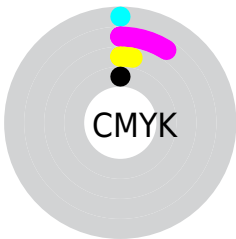
Blue (97%)



Red (100%)

Yellow (91%)

Blue (97%)

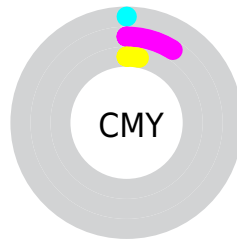


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.0399, 85.7505, 100.7709 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 87.0399, 85.7505, 100.7709 by changing the saturation by 10% instead.

87.0399, 85.7505,
100.7709

87.0399, 85.7505,
100.7709

506.7365,
514.1082, 583.9292

65.8564, 64.4617,
76.3240

142.1191,
141.4213, 164.2773

48.4231, 47.0247,
56.1900

176.7455,
176.5720, 204.1739

34.3747, 33.0552,
39.9503

216.5836,
217.1122, 250.0575

23.3459, 22.1687,
27.1863

261.9987,
263.4261, 302.3466

14.9712, 13.9809,
17.4795

313.3562,
315.8983, 361.4598

8.8854, 8.1074,
10.4114

371.0215,

4.7230, 4.1638,

374.9131, 427.8156

5.5634

435.3598,
440.8549, 501.8326

■ 2.1187, 1.7656,
2.5170

■ 0.6994, 0.4656,
0.8492

■ 87.0399, 85.7505,
100.7709

■ 87.0399, 85.7505,
100.7709

■ 79.1972, 71.9521,
92.3394

95.0500, 100.0000,
108.9000

■ 72.3987, 60.1636,
84.4982

■ 66.5979, 50.2923,
77.2299

■ 61.7422, 42.2343,
70.5140

■ 57.7743, 35.8759,
64.3284

■ 54.6302, 31.0903,
58.6484

■ 52.2372, 27.7329,
53.4465

■ 50.5090, 25.6322,
48.6908

■ 49.3182, 24.5348,
44.3353

Harmonies

Analogous

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



84.9821, 85.7505, 108.0837



87.0399, 85.7505, 100.7709



87.5992, 85.7505, 91.8696

Triad

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



87.0399, 85.7505, 100.7709



80.9785, 85.7505, 77.3431



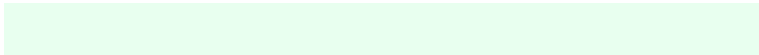
76.7106, 85.7505, 103.5409

Complementary

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



87.0399, 85.7505, 100.7709



84.6212, 94.9090, 95.5240

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.



75.6969, 85.7505, 94.8820



87.0399, 85.7505, 100.7709



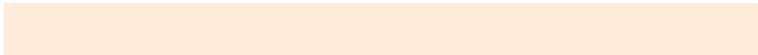
78.1207, 85.7505, 80.0520

Square

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



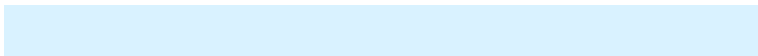
87.0399, 85.7505, 100.7709



84.0488, 85.7505, 78.7003



76.2066, 85.7505, 86.3363



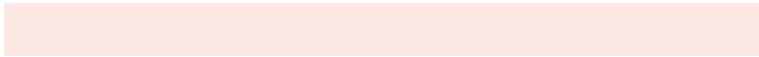
79.0096, 85.7505, 109.7528

Rectangle

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



87.0399, 85.7505, 100.7709



87.0352, 85.7505, 86.3099



76.2066, 85.7505, 86.3363



76.2109, 85.7505, 100.8001

Sweetspot

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



87.0418, 85.7539, 100.7727



92.2852, 95.0667, 106.1403



82.4725, 83.2705, 106.3338



19.5983, 20.0730, 22.5625



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

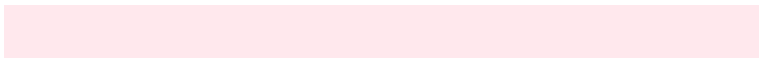
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0418, 85.7539, 100.7727



85.4011, 82.8531, 99.0527



85.3266, 85.0679, 91.7408



18.5434, 18.2007, 21.4786



25.7853, 12.8034, 23.3175



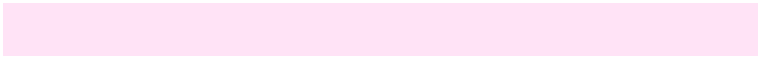
2.5593, 1.2661, 2.5267

Inverse Universe

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



87.0418, 85.7539, 100.7727



85.4011, 82.8531, 99.0527



86.3589, 95.6041, 104.6745



18.5434, 18.2007, 21.4786



25.7853, 12.8034, 23.3175



2.5593, 1.2661, 2.5267

Previews

White Background



This preview shows how the XYZ color 87.0399, 85.7505, 100.7709 looks on a white background.

Color Contrast Check

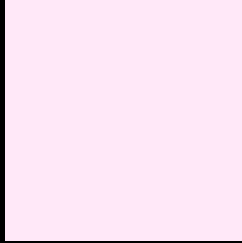
Large Text (above 18pt) WCAG AA × Fail

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 87.0399, 85.7505, 100.7709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

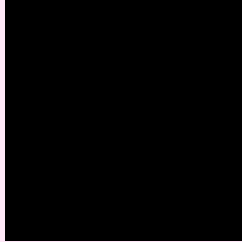
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.0399, 85.7505, 100.7709

Background



This preview shows how black text looks on a background with the XYZ color 87.0399, 85.7505, 100.7709.



This preview shows how white text looks on a background with the XYZ color 87.0399, 85.7505,

100.7709.

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

87.0399, 85.7505, 100.7709

Protanopia

83.2934, 85.8841, 103.4541

Deuteranopia

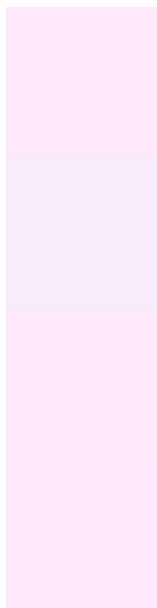
86.8851, 85.6886, 99.9559



Tritanopia

87.3519, 85.8754, 102.4141

Trichromacy



Original Color

87.0399, 85.7505, 100.7709

Protanomaly

84.6198, 85.7313, 102.5303

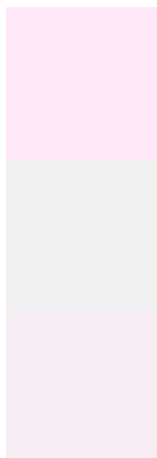
Deuteranomaly

86.8851, 85.6886, 99.9559

Tritanomaly

87.1955, 85.8128, 101.5904

Monochromacy



Original Color

87.0399, 85.7505, 100.7709

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.9097, 87.2736, 97.9582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0399, 85.7505, 100.7709 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 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, 232, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 248) }
```

Border

The CSS property to change the border of an element to XYZ 87.0399, 85.7505, 100.7709 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, 248) }
```


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

```
.border{ border-color:rgb(255, 232, 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, 232, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0399, 85.7505, 100.7709 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, 248) }
```

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

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