

Converting Colors

XYZ(99.9265, 91.1118,
102.5256)

Have a look what the booklet for
XYZ(99.9265, 91.1118, 102.5256)
contains.

XYZ(86.5146, 84.2008, 102.1350)	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(86.5146, 84.2008,
102.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5FA
RGB	255, 229, 250
RGB Percent	100%, 90%, 98%
CMY	0.0000, 0.1019, 0.0196
CMYK	0.00, 0.10, 0.02, 0.00
HSL	312°, 100%, 95%
HSV	312°, 10%, 100%
XYZ	86.5146, 84.2008, 102.1350
YIQ	239.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

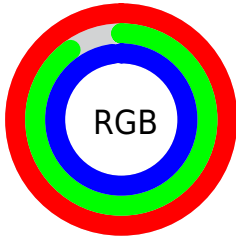
Format	Color
RYB	255, 229, 250
Decimal	16770554
CIELab	93.54, 12.42, -6.92
CIELCh	94, 14.220, 330.872
Yxy	84.2008, 0.3171, 0.3086
Android (android.graphics.Color)	4294960634 (0xFFFFE5FA)
YUV	239.1680, 5.3402, 13.8847
Hunter-Lab	91.7610, 7.7126, -1.7603

Details

The XYZ color **86.5146, 84.2008, 102.1350** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9270, 94.1198, 91.6416**, and the grayscale version is **82.1316, 86.4089, 94.0993**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1624, 46.1729, 57.4128** is the 20% darker color. If you saturate the color by 10%, you get **79.2120, 70.8098, 95.9573**, and if you desaturate by 10%, it is **94.8773, 99.6791, 108.7670**.

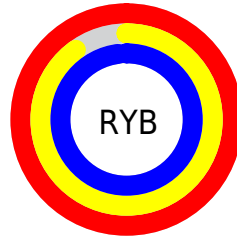
Distribution



Red (100%)

Green (90%)

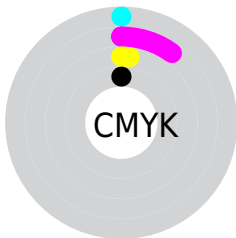
Blue (98%)



Red (100%)

Yellow (90%)

Blue (98%)

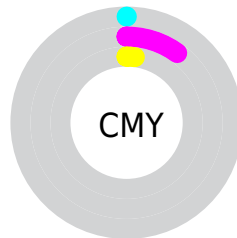


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (10%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.5146, 84.2008, 102.1350 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 86.5146, 84.2008, 102.1350 by changing the saturation by 10% instead.


 86.5146, 84.2008,
102.1350

 86.5146, 84.2008,
102.1350


505.0350,
508.9798, 588.3212

 65.4203, 63.1812,
77.4580


141.3905,
139.2560, 166.1655

 48.0679, 45.9878,
57.1150


175.9028,
174.0605, 206.3560

 34.0921, 32.2362,
40.6876


215.6185,
214.2287, 252.5548

 23.1276, 21.5420,
27.7572

260.9029,
260.1450, 305.1803

 14.8090, 13.5208,
17.9053

312.1214,
312.1939, 364.6512

 8.7709, 7.7881,
10.7133

369.6394,

 4.6479, 3.9597,

370.7598, 431.3860

5.7626

433.8221,
436.2269, 505.8031

■ 2.0748, 1.6510,
2.6348

■ 0.6755, 0.3916,
0.9104

■ 86.5146, 84.2008,
102.1350

■ 86.5146, 84.2008,
102.1350

■ 79.2120, 70.8098,
95.9573

94.8773, 99.6791,
108.7670

■ 72.9187, 59.4060,
90.2128

95.0500, 100.0000,
108.9000

■ 67.5880, 49.8961,
84.8863

■ 63.1675, 42.1753,
79.9596

■ 59.5997, 36.1286,
75.4128

■ 56.8201, 31.6278,
71.2237

■ 54.7552, 28.5259,
67.3668

■ 53.3172, 26.6473,
63.8122

■ 52.3762, 25.7145,
60.5727

Harmonies

Analogous

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



83.7984, 84.2008, 110.6292



86.5146, 84.2008, 102.1350



87.4806, 84.2008, 91.3657

Triad

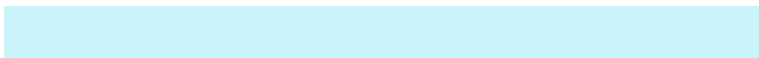
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5146, 84.2008, 102.1350



79.9204, 84.2008, 72.4932



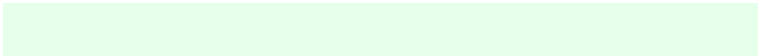
73.9828, 84.2008, 102.7226

Complementary

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



86.5146, 84.2008, 102.1350



82.9270, 94.1198, 91.6416

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.



73.0156, 84.2008, 91.9958



86.5146, 84.2008, 102.1350



76.3770, 84.2008, 75.0291

Square

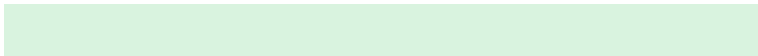
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5146, 84.2008, 102.1350



83.6021, 84.2008, 74.7538



73.8784, 84.2008, 81.9647



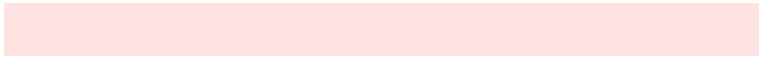
76.5618, 84.2008, 110.9866

Rectangle

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



86.5146, 84.2008, 102.1350



86.9789, 84.2008, 84.4982



73.8784, 84.2008, 81.9647



73.4621, 84.2008, 99.2583

Sweetspot

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



86.5165, 84.2042, 102.1368



92.4219, 95.1214, 106.8600



79.9277, 80.7158, 105.9748



19.6353, 20.0878, 22.7572



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.



86.5165, 84.2042, 102.1368



85.1202, 81.6334, 100.9877



84.5818, 83.4303, 91.9485



18.6341, 18.2369, 21.9561



27.4210, 13.4577, 31.9313



2.7066, 1.3250, 3.3021

Inverse Universe

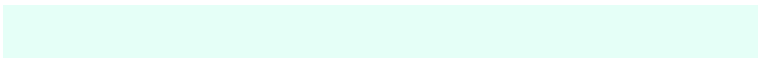
The Inverse Universe completely reimagines the original color for something new.



86.5165, 84.2042, 102.1368



85.1202, 81.6334, 100.9877



84.8278, 94.8801, 101.6514



18.6341, 18.2369, 21.9561



27.4210, 13.4577, 31.9313



2.7066, 1.3250, 3.3021

Previews

White Background



This preview shows how the XYZ color 86.5146, 84.2008, 102.1350 looks on a white background.

Color Contrast Check

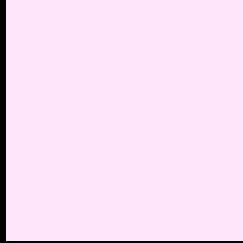
Large Text (above 18pt) WCAG AA × Fail

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 86.5146, 84.2008, 102.1350 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 86.5146, 84.2008, 102.1350

Background



This preview shows how black text looks on a background with the XYZ color 86.5146, 84.2008, 102.1350.

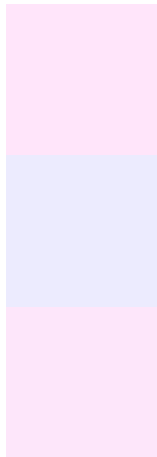


This preview shows how white text looks on a background with the XYZ color 86.5146, 84.2008,

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

86.5146, 84.2008, 102.1350

Protanopia

82.1898, 84.4053, 105.7259

Deuteranopia

86.0601, 84.3784, 102.1933



Tritanopia

86.0478, 84.0140, 99.6768

Trichromacy



Original Color

86.5146, 84.2008, 102.1350

Protanomaly

83.8307, 84.4244, 104.8057

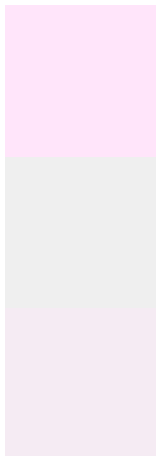
Deuteranomaly

86.4252, 84.5666, 102.2104

Tritanomaly

86.2026, 84.0759, 100.4918

Monochromacy



Original Color

86.5146, 84.2008, 102.1350

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.5422, 85.3002, 96.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5146, 84.2008, 102.1350 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, 229, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 250)  
}
```

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, 229, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 250) }
```

Border

The CSS property to change the border of an element to XYZ 86.5146, 84.2008, 102.1350 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, 229, 250) }
```


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

```
.border{ border-color:rgb(255, 229, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5146, 84.2008, 102.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 250) }
```

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

```
.background{ background-color: rgb(255,  
229, 250) }
```

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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