

Converting Colors

XYZ(88.1105, 87.3615,
102.7628)

Have a look what the booklet for
XYZ(88.1105, 87.3615, 102.7628)
contains.

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Color

**XYZ(88.2036, 87.5788,
102.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBFA
RGB	255, 235, 250
RGB Percent	100%, 92%, 98%
CMY	0.0000, 0.0784, 0.0196
CMYK	0.00, 0.08, 0.02, 0.00
HSL	315°, 100%, 96%
HSV	315°, 8%, 100%
XYZ	88.2036, 87.5788, 102.6980
YIQ	242.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

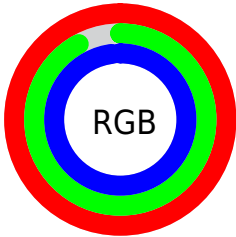
Format	Color
R_{YB}	255, 235, 250
Decimal	16772090
CIE Lab	94.98, 9.32, -4.79
CIE LCh	95, 10.481, 332.815
Yxy	87.5788, 0.3167, 0.3145
Android (android.graphics.Color)	4294962170 (0xFFFFE8FA)
YUV	242.6900, 3.6038, 10.7959
Hunter-Lab	93.5835, 4.4672, 0.4440

Details

The XYZ color **88.2036, 87.5788, 102.6980** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7518, 95.4747, 96.3505**, and the grayscale version is **84.9152, 89.3374, 97.2884**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1464, 48.1410, 57.7408** is the 20% darker color. If you saturate the color by 10%, you get **80.4373, 73.6186, 95.2612**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

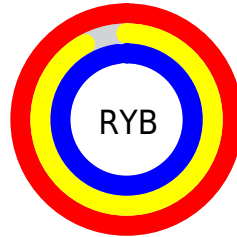
Distribution



Red (100%)

Green (92%)

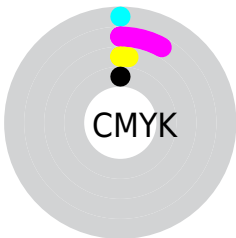
Blue (98%)



Red (100%)

Yellow (92%)

Blue (98%)

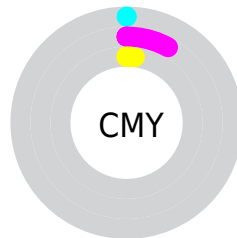


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.2036, 87.5788, 102.6980 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 88.2036, 87.5788, 102.6980 by changing the saturation by 10% instead.


 88.2036, 87.5788,
102.6980

 88.2036, 87.5788,
102.6980


510.4952,
520.1229, 590.1289

 66.8230, 65.9743,
77.9263


143.7317,
143.9706, 166.9441

 49.2110, 48.2515,
57.4973


178.6099,
179.5267, 207.2554

 35.0021, 34.0261,
40.9926


218.7180,
220.5021, 253.5838

 23.8310, 22.9137,
27.9937


264.4215,
267.2813, 306.3476

 15.3324, 14.5298,
18.0819

316.0855,
320.2485, 365.9655

 9.1408, 8.4900,
10.8387

374.0756,

 4.8910, 4.4101,

379.7883, 432.8560

5.8457

438.7570,
446.2850, 507.4376

■ 2.2175, 1.9055,
2.6842

■ 0.7520, 0.5517,
0.9355

■ 88.2036, 87.5788,
102.6980

■ 88.2036, 87.5788,
102.6980

■ 80.4373, 73.6186,
95.2612

95.0500, 100.0000,
108.9000

■ 73.7046, 61.6726,
88.3329

■ 67.9597, 51.6493,
81.8974

■ 63.1510, 43.4458,
75.9356

■ 59.2221, 36.9498,
70.4272

■ 56.1101, 32.0364,
65.3495

■ 53.7438, 28.5636,
60.6770

■ 52.0391, 26.3639,
56.3798

■ 50.8838, 25.2131,
52.4187

Harmonies

Analogous

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



86.2416, 87.5788, 109.1433



88.2036, 87.5788, 102.6980



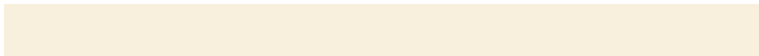
88.8264, 87.5788, 94.5908

Triad

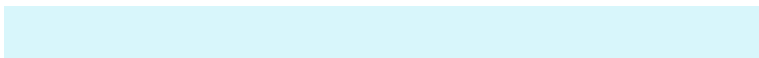
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2036, 87.5788, 102.6980



82.9726, 87.5788, 80.5481



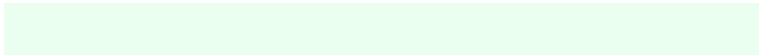
78.7268, 87.5788, 104.1051

Complementary

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



88.2036, 87.5788, 102.6980



85.7518, 95.4747, 96.3505

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.



77.8949, 87.5788, 96.1302



88.2036, 87.5788, 102.6980



80.3109, 87.5788, 82.7860

Square

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



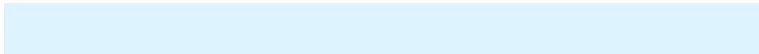
88.2036, 87.5788, 102.6980



85.7658, 87.5788, 82.0876



78.4682, 87.5788, 88.3771



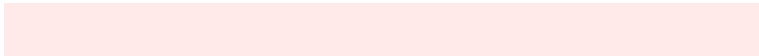
80.7663, 87.5788, 109.9877

Rectangle

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



88.2036, 87.5788, 102.6980



88.3870, 87.5788, 89.4103



78.4682, 87.5788, 88.3771



78.2988, 87.5788, 101.5646

Sweetspot

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



88.2056, 87.5823, 102.6999



93.2399, 96.7072, 107.2873



83.5837, 85.1079, 106.6299



19.9762, 20.7338, 22.9809



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.



88.2056, 87.5823, 102.6999



87.2506, 85.8573, 101.8109



86.7285, 86.9915, 94.9213



18.5872, 18.2182, 21.7094



26.5399, 13.1053, 27.2915



2.6278, 1.2935, 2.8872

Inverse Universe

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



88.2056, 87.5823, 102.6999



87.2506, 85.8573, 101.8109



87.2263, 96.0645, 104.1150



18.5872, 18.2182, 21.7094



26.5399, 13.1053, 27.2915



2.6278, 1.2935, 2.8872

Previews

White Background



This preview shows how the XYZ color 88.2036, 87.5788, 102.6980 looks on a white background.

Color Contrast Check

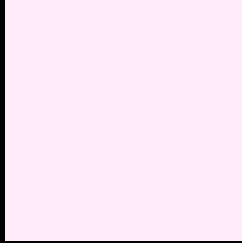
Large Text (above 18pt) WCAG AA × Fail

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 88.2036, 87.5788, 102.6980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

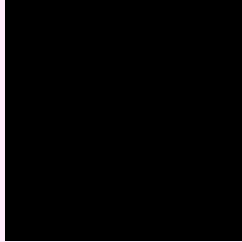
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.2036, 87.5788, 102.6980

Background



This preview shows how black text looks on a background with the XYZ color 88.2036, 87.5788, 102.6980.



This preview shows how white text looks on a background with the XYZ color 88.2036, 87.5788,

102.6980.

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

88.2036, 87.5788, 102.6980

Protanopia

84.8718, 87.5256, 105.3494

Deuteranopia

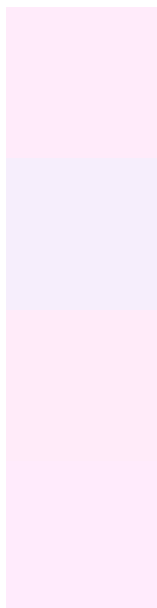
87.8916, 87.4540, 101.0549



Tritanopia

88.6780, 87.7685, 105.1957

Trichromacy



Original Color

88.2036, 87.5788, 102.6980

Protanomaly

86.1513, 87.7702, 104.4961

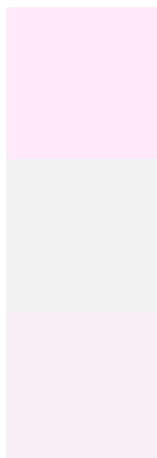
Deuteranomaly

88.0472, 87.5162, 101.8743

Tritanomaly

88.5190, 87.7049, 104.3588

Monochromacy



Original Color

88.2036, 87.5788, 102.6980

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

86.1524, 88.7482, 99.7782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2036, 87.5788, 102.6980 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, 235, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 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, 235, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 250) }
```

Border

The CSS property to change the border of an element to XYZ 88.2036, 87.5788, 102.6980 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, 235, 250) }
```


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

```
.border{ border-color:rgb(255, 235, 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, 235, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2036, 87.5788, 102.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 250) }
```

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

```
.background{ background-color: rgb(255,  
235, 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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