

Converting Colors

XYZ(89.0029, 88.4651,
105.1602)

Have a look what the booklet for
XYZ(89.0029, 88.4651, 105.1602)
contains.

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Color

**XYZ(88.9651, 88.3428,
105.2914)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECFD
RGB	255, 236, 253
RGB Percent	100%, 93%, 99%
CMY	0.0000, 0.0745, 0.0078
CMYK	0.00, 0.07, 0.01, 0.00
HSL	306°, 100%, 96%
HSV	306°, 7%, 100%
XYZ	88.9651, 88.3428, 105.2914
YIQ	243.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 236, 253
Decimal	16772349
CIE Lab	95.31, 9.34, -5.87
CIE LCh	95, 11.029, 327.836
Yxy	88.3428, 0.3148, 0.3126
Android (android.graphics.Color)	4294962429 (0xFFFFECCFD)
YUV	243.6190, 4.6248, 9.9811
Hunter-Lab	93.9909, 4.4715, -0.6249

Details

The XYZ color **88.9651, 88.3428, 105.2914** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7873, 95.5272, 94.8095**, and the grayscale version is **85.6475, 90.1078, 98.1274**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5738, 48.6338, 58.9990** is the 20% darker color. If you saturate the color by 10%, you get **81.7171, 74.5256, 100.7826**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (93%)

Blue (99%)



Red (100%)

Yellow (93%)

Blue (99%)



Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.9651, 88.3428, 105.2914 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 88.9651, 88.3428, 105.2914 by changing the saturation by 10% instead.


 88.9651, 88.3428,
105.2914

 88.9651, 88.3428,
105.2914

512.9468,
522.6252, 598.4184

 67.4561, 66.6070,
80.0855


144.7857,
145.0343, 170.5250

 49.7274, 48.7653,
59.2621


179.8280,
180.7588, 211.3898

 35.4138, 34.4334,
42.4028


220.1121,
221.9150, 258.3113

 24.1498, 23.2267,
29.0889

266.0033,
268.8873, 311.7081

 15.5701, 14.7610,
18.9019

317.8670,
322.0601, 371.9986

 9.3094, 8.6518,
11.4233

376.0686,

 5.0022, 4.5148,

381.8177, 439.6015

6.2346

440.9734,
448.5446, 514.9352

■ 2.2833, 1.9655,
2.9172

■ 0.7861, 0.5873,
1.0525

■ 88.9651, 88.3428,
105.2914

■ 88.9651, 88.3428,
105.2914

■ 81.7171, 74.5256,
100.7826

95.0500, 100.0000,
108.9000

■ 75.4770, 62.7151,
96.6380

■ 70.1995, 52.8203,
92.8438

■ 65.8335, 44.7389,
89.3826

■ 62.3229, 38.3589,
86.2358

■ 59.6057, 33.5562,
83.3825

■ 57.6113, 30.1898,
80.7991

■ 56.2566, 28.0933,
78.4577

■ 55.4332, 27.0503,
76.3221

Harmonies

Analogous

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



86.7002, 88.3428, 111.6130



88.9651, 88.3428, 105.2914



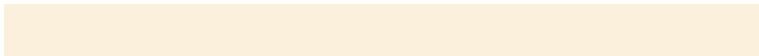
89.8876, 88.3428, 96.8178

Triad

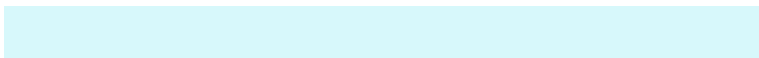
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9651, 88.3428, 105.2914



84.1860, 88.3428, 80.5518



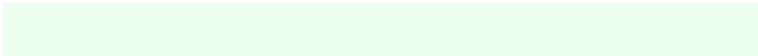
78.9500, 88.3428, 104.1437

Complementary

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



88.9651, 88.3428, 105.2914



85.7873, 95.5272, 94.8095

Split Complementary

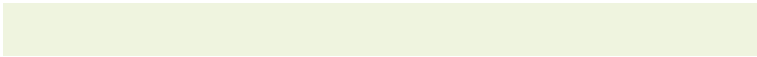
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3126, 88.3428, 95.5655



88.9651, 88.3428, 105.2914



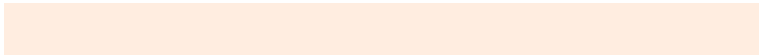
81.2922, 88.3428, 82.2581

Square

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



88.9651, 88.3428, 105.2914



87.0876, 88.3428, 82.8235



79.1600, 88.3428, 87.6293



80.9222, 88.3428, 110.9230

Rectangle

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



88.9651, 88.3428, 105.2914



89.6010, 88.3428, 91.1996



79.1600, 88.3428, 87.6293



78.5746, 88.3428, 101.3598

Sweetspot

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



88.9671, 88.3463, 105.2933



93.3583, 96.7546, 107.9105



83.2753, 85.3751, 106.6977



20.0002, 20.7434, 23.1077



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.



88.9671, 88.3463, 105.2933



87.7743, 86.0668, 104.5689



87.5062, 87.7620, 97.6004



18.7055, 18.2655, 22.3320



28.9117, 14.0540, 39.7808



2.8377, 1.3775, 3.9928

Inverse Universe

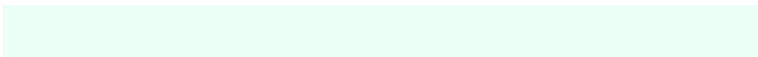
The Inverse Universe completely reimagines the original color for something new.



88.9671, 88.3463, 105.2933



87.7743, 86.0668, 104.5689



87.2047, 96.0942, 102.2735



18.7055, 18.2655, 22.3320



28.9117, 14.0540, 39.7808



2.8377, 1.3775, 3.9928

Previews

White Background



This preview shows how the XYZ color 88.9651, 88.3428, 105.2914 looks on a white background.

Color Contrast Check

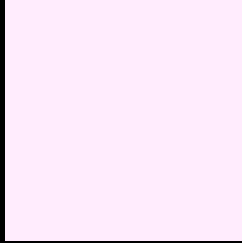
Large Text (above 18pt) WCAG AA × Fail

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 88.9651, 88.3428, 105.2914 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

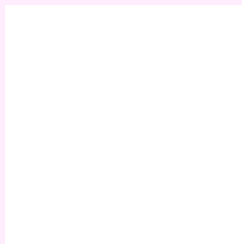
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.9651, 88.3428, 105.2914

Background



This preview shows how black text looks on a background with the XYZ color 88.9651, 88.3428, 105.2914.



This preview shows how white text looks on a background with the XYZ color 88.9651, 88.3428,

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

88.9651, 88.3428, 105.2914

Protanopia

85.8280, 88.4174, 107.1504

Deuteranopia

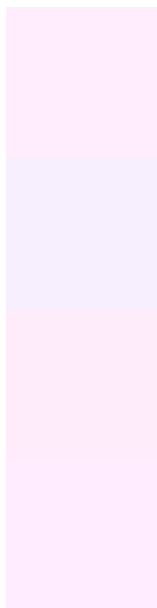
88.4908, 88.1530, 102.7938



Tritanopia

89.1248, 88.4067, 106.1327

Trichromacy



Original Color

88.9651, 88.3428, 105.2914

Protanomaly

87.1137, 88.6629, 106.2882

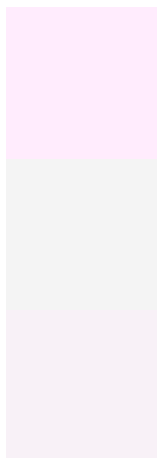
Deuteranomaly

88.6480, 88.2159, 103.6219

Tritanomaly

89.1248, 88.4067, 106.1327

Monochromacy



Original Color

88.9651, 88.3428, 105.2914

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.9552, 89.5825, 100.7038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9651, 88.3428, 105.2914 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, 236, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 253)  
}
```

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, 236, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 253) }
```

Border

The CSS property to change the border of an element to XYZ 88.9651, 88.3428, 105.2914 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, 236, 253) }
```


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

```
.border{ border-color:rgb(255, 236, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9651, 88.3428, 105.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 253) }
```

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

```
.background{ background-color: rgb(255,  
236, 253) }
```

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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