

Converting Colors

XYZ(99.3077, 95.0912,
103.7656)

Have a look what the booklet for
XYZ(99.3077, 95.0912, 103.7656)
contains.

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Color

**XYZ(89.3618, 89.8951,
103.0841)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEFA
RGB	255, 239, 250
RGB Percent	100%, 94%, 98%
CMY	0.0000, 0.0627, 0.0196
CMYK	0.00, 0.06, 0.02, 0.00
HSL	319°, 100%, 97%
HSV	319°, 6%, 100%
XYZ	89.3618, 89.8951, 103.0841
YIQ	245.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

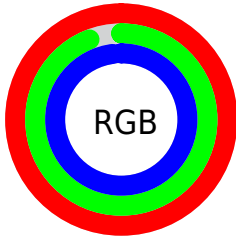
Format	Color
R_{YB}	255, 239, 250
Decimal	16773114
CIE _{Lab}	95.95, 7.27, -3.36
CIE _{LCh}	96, 8.008, 335.179
Yxy	89.8951, 0.3165, 0.3184
Android (android.graphics.Color)	4294963194 (0xFFFEFFFA)
YUV	245.0380, 2.4463, 8.7367
Hunter-Lab	94.8130, 2.3144, 1.9069

Details

The XYZ color **89.3618, 89.8951, 103.0841** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.6884, 96.4037, 99.5775**, and the grayscale version is **86.8010, 91.3214, 99.4490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.9598, 49.7678, 58.0119** is the 20% darker color. If you saturate the color by 10%, you get **81.1936, 75.5162, 94.3267**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

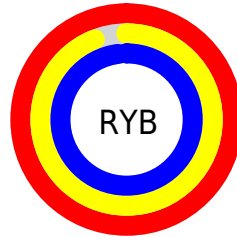
Distribution



Red (100%)

Green (94%)

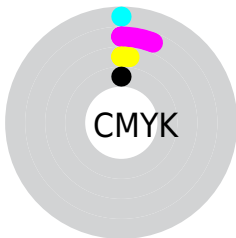
Blue (98%)



Red (100%)

Yellow (94%)

Blue (98%)

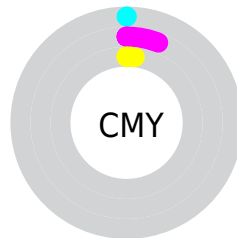


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.3618, 89.8951, 103.0841 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 89.3618, 89.8951, 103.0841 by changing the saturation by 10% instead.

89.3618, 89.8951,
103.0841

89.3618, 89.8951,
103.0841

514.2215,
527.6896, 591.3669

67.7860, 67.8936,
78.2475

145.3344,
147.1927, 167.4777

49.9967, 49.8112,
57.7597

180.4620,
183.2576, 207.8719

35.6285, 35.2634,
41.2020

220.8375,
224.7791, 254.2889

24.3162, 23.8659,
28.1561

266.8262,
272.1416, 307.1474

15.6944, 15.2341,
18.2033

318.7937,
325.7295, 366.8659

9.3976, 8.9839,
10.9251

377.1051,

5.0606, 4.7307,

385.9272, 433.8630

5.9029

442.1260,
453.1191, 508.5571

■ 2.3180, 2.0901,
2.7183

■ 0.8038, 0.6591,
0.9526

■ 89.3618, 89.8951,
103.0841

■ 89.3618, 89.8951,
103.0841

■ 81.1936, 75.5162,
94.3267

95.0500, 100.0000,
108.9000

■ 74.0849, 63.1731,
86.1786

■ 67.9900, 52.7754,
78.6226

■ 62.8578, 44.2215,
71.6382

■ 58.6321, 37.4005,
65.2035

■ 55.2511, 32.1897,
59.2944

■ 52.6446, 28.4498,
53.8840

■ 50.7306, 26.0182,
48.9413

■ 49.4072, 24.6920,
44.4288

Harmonies

Analogous

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



87.9168, 89.8951, 108.1793



89.3618, 89.8951, 103.0841



89.7494, 89.8951, 96.7850

Triad

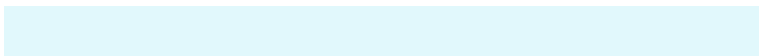
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3618, 89.8951, 103.0841



85.0592, 89.8951, 86.2423



82.0127, 89.8951, 105.0681

Complementary

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



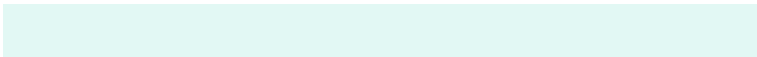
89.3618, 89.8951, 103.0841



87.6884, 96.4037, 99.5775

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.



81.2759, 89.8951, 98.9842



89.3618, 89.8951, 103.0841



83.0153, 89.8951, 88.2570

Square

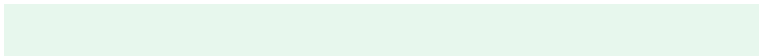
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



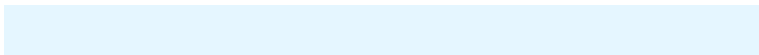
89.3618, 89.8951, 103.0841



87.2407, 89.8951, 87.2347



81.6397, 89.8951, 92.8550



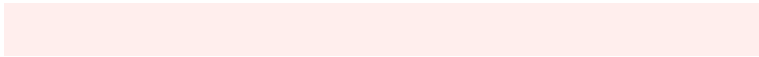
83.6693, 89.8951, 109.3590

Rectangle

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



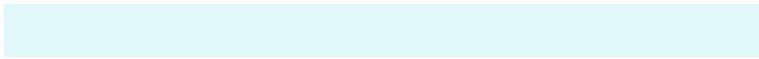
89.3618, 89.8951, 103.0841



89.3503, 89.8951, 92.7886



81.6397, 89.8951, 92.8550



81.6506, 89.8951, 103.1554

Sweetspot

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



89.3638, 89.8987, 103.0860



93.1890, 96.6868, 107.0190



86.1585, 88.1546, 107.0822



19.9658, 20.7297, 22.9263



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.



89.3638, 89.8987, 103.0860



87.8743, 87.2640, 101.5281



88.1660, 89.4196, 96.7786



18.5368, 18.1980, 21.4441



25.6783, 12.7606, 22.7539



2.5495, 1.2622, 2.4751

Inverse Universe

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



89.3638, 89.8987, 103.0860



87.8743, 87.2640, 101.5281



88.8978, 96.8874, 105.9461



18.5368, 18.1980, 21.4441



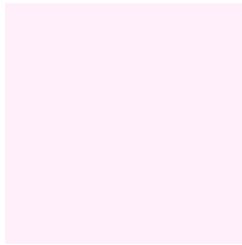
25.6783, 12.7606, 22.7539



2.5495, 1.2622, 2.4751

Previews

White Background



This preview shows how the XYZ color 89.3618, 89.8951, 103.0841 looks on a white background.

Color Contrast Check

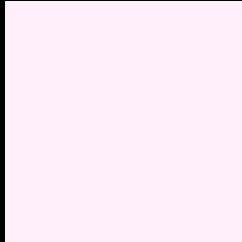
Large Text (above 18pt) WCAG AA × Fail

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 89.3618, 89.8951, 103.0841 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 89.3618, 89.8951, 103.0841

Background



This preview shows how black text looks on a background with the XYZ color 89.3618, 89.8951, 103.0841.

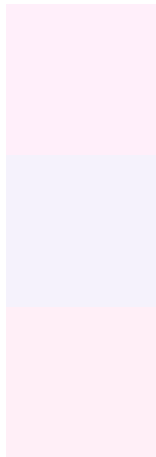


This preview shows how white text looks on a background with the XYZ color 89.3618, 89.8951,

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

89.3618, 89.8951, 103.0841

Protanopia

86.9790, 89.9450, 104.8723

Deuteranopia

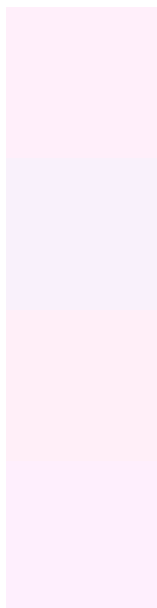
88.8950, 89.7084, 100.6259



Tritanopia

89.7896, 90.0238, 107.2517

Trichromacy



Original Color

89.3618, 89.8951, 103.0841

Protanomaly

87.9348, 90.0154, 104.0068

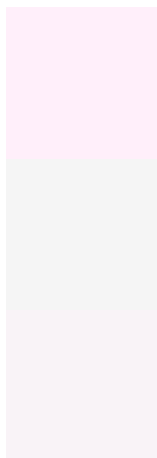
Deuteranomaly

89.0498, 89.7703, 101.4409

Tritanomaly

89.4692, 89.8957, 105.5646

Monochromacy



Original Color

89.3618, 89.8951, 103.0841

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.9060, 90.9563, 100.9189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.3618, 89.8951, 103.0841 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, 239, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 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, 239, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 250) }
```

Border

The CSS property to change the border of an element to XYZ 89.3618, 89.8951, 103.0841 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, 239, 250) }
```


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

```
.border{ border-color:rgb(255, 239, 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, 239, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 89.3618, 89.8951, 103.0841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 250) }
```

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

```
.background{ background-color: rgb(255,  
239, 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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