Converting Colors

XYZ(100.5916, 100.0000, 89.2600)

Have a look what the booklet for XYZ(100.5916, 100.0000, 89.2600) contains.

Color

XYZ(89.2312, 94.1643, 89.0738)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8E7
RGB	255, 248, 231
RGB Percent	100%, 97%, 91%
CMY	0.0000, 0.0274, 0.0941
CMYK	0.00, 0.03, 0.09, 0.00
HSL	43°, 100%, 95%
HSV	43°, 9%, 100%
XYZ	89.2312, 94.1643, 89.0738
YIQ	248.1550, 9.6290, -3.8030

Conversions

Conversions Part 2

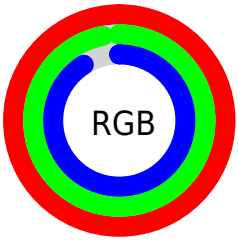
Format	Color
RYB	241, 255, 231
Decimal	16775399
CIELab	97.70, -0.49, 8.98
CIELCh	98, 8.994, 93.134
Yxy	94.1643, 0.3275, 0.3456
Android (android.graphics.Color)	4294965479 (0xFFFFF8E7)
YUV	248.1550, -8.4574, 6.0031
Hunter-Lab	97.0383, -5.6780, 13.5031

Details

The XYZ color 89.2312, 94.1643, 89.0738 is a light color, and the websafe version is hex FFFFFF, and the color name is cosmic latte. A complement of this color would be 81.5788, 85.3558, 106.7834, and the grayscale version is 89.4133, 94.0697, 102.4419.

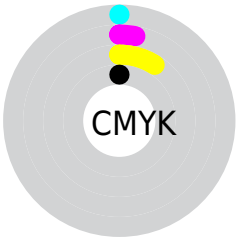
A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8762, 52.8002, 48.1201 is the 20% darker color. If you saturate the color by 10%, you get 83.6496, 88.3511, 70.7203, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

Distribution

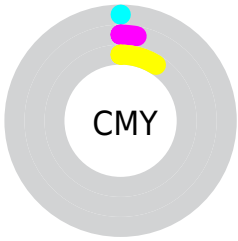


- Red (100%)
- Green (97%)
- Blue (91%)

- Red (95%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.2312, 94.1643, 89.0738 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 89.2312, 94.1643, 89.0738 by changing the saturation by 10% instead.

89.2312, 94.1643, 89.0738

89.2312, 94.1643, 89.0738

513.8020, 541.4861, 545.5055

67.6774, 71.4396, 66.6433

145.1538, 153.1095, 147.9754

49.9080, 52.7010, 48.3351

180.2533, 190.0989, 185.2837

35.5578, 37.5642, 33.7304

220.5987, 232.6119, 228.3883

24.2614, 25.6446, 22.4109

266.5554, 281.0330, 277.7078

15.6534, 16.5580, 13.9579

318.4887, 335.7466, 333.6607

9.3685, 9.9198, 7.9530

376.7640,

5.0414, 5.3458,

397.1371, 396.6656

441.7467, 465.5888, 467.1410

3.9775

2.3066, 2.4516, 1.6130

0.7980, 0.8522, 0.3001

89.2312, 94.1643, 89.0738

83.6496, 88.3511, 70.7203

78.6578, 82.9142, 55.0393

74.2326, 77.8458, 41.9047

70.3466, 73.1332, 31.1779

89.2312, 94.1643, 89.0738

95.0500, 100.0000, 108.9000

66.9701, 68.7627, 22.7072

64.0697, 64.7192, 16.3233

61.6078, 60.9857, 11.8327

59.5396, 57.5427, 9.0058

57.7970, 54.3608, 7.4896

Harmonies

Analogous

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

91.7456, 94.1643, 90.4484

89.2312, 94.1643, 89.0738

86.8339, 94.1643, 91.1599

Triad

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

89.2312, 94.1643, 89.0738

85.4372, 94.1643, 110.4376

93.9683, 94.1643, 109.0392

Complementary

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

89.2312, 94.1643, 89.0738

81.5788, 85.3558, 106.7834

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.

92.2208, 94.1643, 114.8059

89.2312, 94.1643, 89.0738

87.2920, 94.1643, 115.6399

Square

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

89.2312, 94.1643, 89.0738

84.6699, 94.1643, 103.3024

89.7700, 94.1643, 117.2750

94.5111, 94.1643, 101.7593

Rectangle

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

89.2312, 94.1643, 89.0738

85.6158, 94.1643, 94.2935

89.7700, 94.1643, 117.2750

93.5007, 94.1643, 111.2304

Sweetspot

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

89.2333, 94.1682, 89.0758

93.1355, 98.1028, 102.3061

85.2786, 84.5977, 92.8783

19.8274, 20.8908, 21.5299

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.

89.2333, 94.1682, 89.0758

88.3056, 93.2180, 85.9755

89.6802, 97.6507, 89.7244

19.0878, 20.1439, 19.0264

30.2846, 28.5804, 3.9204

3.0431, 2.9715, 0.4132

Inverse Universe

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

81.5788, 85.3558, 106.7834

79.4568, 83.0309, 106.4465

81.1526, 82.1717, 106.1913

17.4343, 18.2401, 22.8518

10.8329, 6.5755, 50.1328

1.1441, 0.8189, 4.9110

Previews

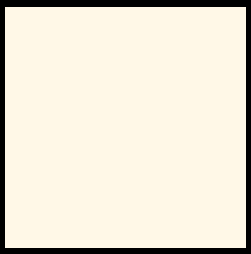
White Background

This preview shows how the XYZ color 89.2312, 94.1643, 89.0738 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



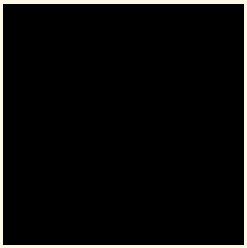
This preview shows how the XYZ color 89.2312, 94.1643, 89.0738 looks on a black background.

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 89.2312, 94.1643, 89.0738 Background



This preview shows how black text looks on a background with the XYZ color 89.2312, 94.1643, 89.0738.

This preview shows how white text looks on a background with the XYZ color 89.2312, 94.1643,

89.0738.

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
89.2312, 94.1643, 89.0738

Protanopia
89.8028, 94.3930, 92.0838

Deuteranopia
90.9822, 94.3741, 99.8069

Tritanopia
91.8788, 94.2024, 107.9481

Trichromacy

Original Color
89.2312, 94.1643, 89.0738

Protanomaly
89.6587, 94.3353, 91.3249

Deuteranomaly
90.2289, 94.0728, 95.8404

Tritanomaly
90.7684, 94.2462, 100.5961

Monochromacy

Original Color
89.2312, 94.1643, 89.0738

Achromatopsia
89.2221, 93.8686, 102.2229

Achromatomaly
89.3781, 94.0548, 97.4481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.2312, 94.1643, 89.0738 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, 248, 231) looks like.

```
.text, #text, p{
    color:rgb(255, 248, 231)
}
```

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, 248, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 231) }
```

Border

The CSS property to change the border of an element to XYZ 89.2312, 94.1643, 89.0738 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, 248, 231) }
```

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

```
.border{ border-color:rgb(255, 248, 231) }
```

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

Here you see how a box with a 4 pixel rgb(255, 248, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 248, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 248, 231); box-shadow:4px 4px 4px 4px rgb(255, 248, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2312, 94.1643, 89.0738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 248, 231) }
```

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

```
.background{ background-color:rgb(255,
248, 231) }
```

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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