

Converting Colors

XYZ(89.0688, 97.5680, 79.1878)

Have a look what the booklet for
XYZ(89.0688, 97.5680, 79.1878)
contains.

XYZ(89.0277, 97.5487, 79.1023)	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(89.0277, 97.5487,
79.1023)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFD8
RGB	254, 255, 216
RGB Percent	100%, 100%, 85%
CMY	0.0039, 0.0000, 0.1529
CMYK	0.00, 0.00, 0.15, 0.00
HSL	62°, 100%, 92%
HSV	62°, 15%, 100%
XYZ	89.0277, 97.5487, 79.1023
YIQ	250.2550, 11.9230, -12.3410

Conversions

Conversions Part 2

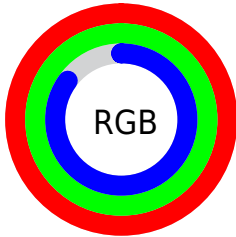
Format	Color
R _Y B	216, 255, 217
Decimal	16711640
CIE Lab	99.04, -6.67, 18.56
CIE LCh	99, 19.720, 109.759
Yxy	97.5487, 0.3351, 0.3672
Android (android.graphics.Color)	4294901720 (0xFFFEFFD8)
YUV	250.2550, -16.8877, 3.2844
Hunter-Lab	98.7667, -11.9431, 21.6514

Details

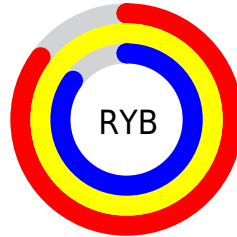
The XYZ color **89.0277, 97.5487, 79.1023** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.2221, 71.0847, 104.5747**, and the grayscale version is **91.2047, 95.9544, 104.4944**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6531, 54.8317, 41.6848** is the 20% darker color. If you saturate the color by 10%, you get **85.7439, 96.2076, 63.0542**, and if you desaturate by 10%, it is **92.8252, 99.0954, 97.8478**.

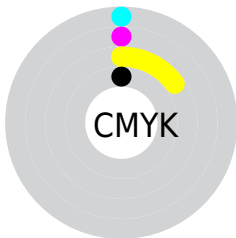
Distribution



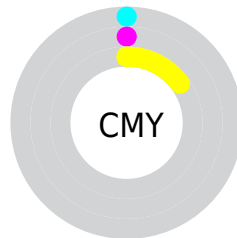
- Red (100%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.0277, 97.5487, 79.1023 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 89.0277, 97.5487, 79.1023 by changing the saturation by 10% instead.


 89.0277, 97.5487,
79.1023

 89.0277, 97.5487,
79.1023


513.1481,
552.2926, 511.5291

 67.5081, 74.2581,
58.4581


144.8723,
157.7811, 133.9028

 49.7699, 55.0053,
41.7599


179.9281,
195.4916, 168.8963

 35.4476, 39.4060,
28.5892


220.2266,
238.7776, 209.5099

 24.1760, 27.0757,
18.5274

266.1332,
288.0234, 256.1621

 15.5897, 17.6301,
11.1559

318.0133,
343.6134, 309.2717

 9.3233, 10.6847,
6.0563

376.2323,

 5.0114, 5.8553,

405.9320, 369.2570

2.8100

441.1554,
475.3636, 436.5366

■ 2.2888, 2.7573,
0.9985

■ 0.7889, 1.0064,
0.0000

■ 89.0277, 97.5487,
79.1023

■ 89.0277, 97.5487,
79.1023

■ 85.7439, 96.2076,
63.0542

■ 92.8252, 99.0954,
97.8478

■ 82.9484, 95.0620,
49.5753

95.0500, 100.0000,
108.9000

■ 80.6166, 94.1018,
38.5334

■ 78.7207, 93.3162,
29.7830

■ 77.2302, 92.6928,
23.1630

■ 76.1105, 92.2178,
18.4913

■ 75.3212, 91.8751,
15.5557

■ 74.8127, 91.6447,
14.0940

■ 74.6369, 91.5618,
13.7394

Harmonies

Analogous

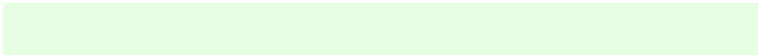
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6977, 97.5487, 77.9898



89.0277, 97.5487, 79.1023



84.5272, 97.5487, 87.0351

Triad

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



89.0277, 97.5487, 79.1023



85.7533, 97.5487, 132.2774



104.0340, 97.5487, 111.9465

Complementary

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



89.0277, 97.5487, 79.1023



71.2221, 71.0847, 104.5747

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.



101.4196, 97.5487, 128.0216



89.0277, 97.5487, 79.1023



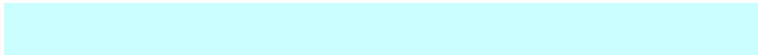
90.7643, 97.5487, 140.5381

Square

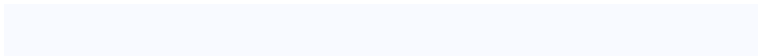
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0277, 97.5487, 79.1023



82.6916, 97.5487, 117.2875



96.5071, 97.5487, 138.9048



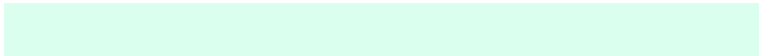
103.5219, 97.5487, 95.8603

Rectangle

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



89.0277, 97.5487, 79.1023



82.7211, 97.5487, 95.6264



96.5071, 97.5487, 138.9048



103.4876, 97.5487, 117.5555

Sweetspot

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



89.0283, 97.5490, 79.1037



92.9445, 99.1439, 98.4394



78.3582, 75.6645, 75.4420



19.8329, 21.1961, 20.7675



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

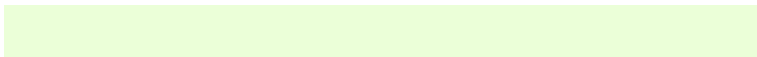
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0283, 97.5490, 79.1037



88.0896, 97.1660, 74.4986



82.3667, 94.1148, 78.7920



19.5125, 21.0656, 19.1820



39.0201, 47.8537, 7.1801



3.8133, 4.6666, 0.6998

Inverse Universe

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



71.2221, 71.0847, 104.5747



67.5320, 66.6122, 103.9059



77.2486, 74.1915, 104.8567



17.0460, 17.3999, 22.7101



9.4929, 3.8042, 49.6685



0.9388, 0.3779, 4.8367

Previews

White Background



This preview shows how the XYZ color 89.0277, 97.5487, 79.1023 looks on a white background.

Color Contrast Check

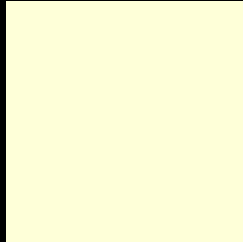
Large Text (above 18pt) WCAG AA × Fail

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 89.0277, 97.5487, 79.1023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

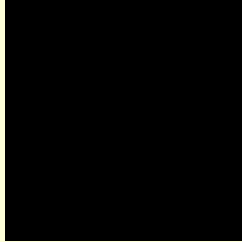
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.0277, 97.5487, 79.1023

Background



This preview shows how black text looks on a background with the XYZ color 89.0277, 97.5487, 79.1023.



This preview shows how white text looks on a background with the XYZ color 89.0277, 97.5487,

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

89.0277, 97.5487, 79.1023

Protanopia

92.5318, 97.4734, 100.3235

Deuteranopia

93.3057, 97.7829, 104.3987

Tritanopia

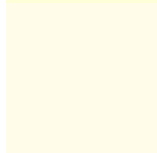
93.4202, 97.2852, 108.4619

Trichromacy



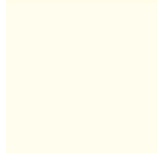
Original Color

89.0277, 97.5487, 79.1023



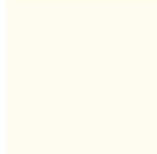
Protanomaly

91.2166, 97.4511, 91.8442



Deuteranomaly

91.7979, 97.6836, 94.9055



Tritanomaly

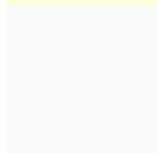
91.5606, 97.0425, 97.1244

Monochromacy



Original Color

89.0277, 97.5487, 79.1023



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

90.0267, 96.3031, 94.7324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.0277, 97.5487, 79.1023 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(254, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 216)  
}
```

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(254, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 216) }
```

Border

The CSS property to change the border of an element to XYZ 89.0277, 97.5487, 79.1023 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(254, 255, 216) }
```


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

```
.border{ border-color:rgb(254, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 89.0277, 97.5487, 79.1023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 216) }
```

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

```
.background{ background-color: rgb(254,  
255, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor