

Converting Colors

XYZ(89.9791, 96.9929, 85.2143)

Have a look what the booklet for
XYZ(89.9791, 96.9929, 85.2143)
contains.

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Color

**XYZ(89.9559, 96.9468,
85.2056)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDE1
RGB	255, 253, 225
RGB Percent	100%, 99%, 88%
CMY	0.0000, 0.0078, 0.1176
CMYK	0.00, 0.01, 0.12, 0.00
HSL	56°, 100%, 94%
HSV	56°, 12%, 100%
XYZ	89.9559, 96.9468, 85.2056
YIQ	250.4060, 10.1800, -8.2840

Conversions

Conversions Part 2

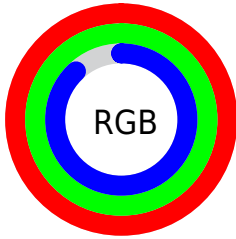
Format	Color
R_{YB}	227, 255, 225
Decimal	16776673
CIE _{Lab}	98.81, -3.95, 13.64
CIE _{LCh}	99, 14.201, 106.151
Yxy	96.9468, 0.3306, 0.3563
Android (android.graphics.Color)	4294966753 (0xFFFFFDE1)
YUV	250.4060, -12.5252, 4.0289
Hunter-Lab	98.4616, -9.2276, 17.6154

Details

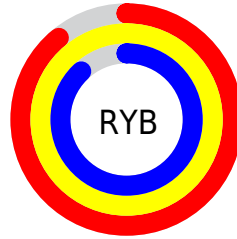
The XYZ color 89.9559, 96.9468, 85.2056 is a light color, and the websafe version is hex FFFFC. A complement of this color would be 76.5699, 78.1637, 105.6592, and the grayscale version is 91.2986, 96.0532, 104.6020.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2843, 54.3879, 45.8779 is the 20% darker color. If you saturate the color by 10%, you get 86.2018, 94.5960, 68.0544, and if you desaturate by 10%, it is 94.2389, 99.5231, 105.0987.

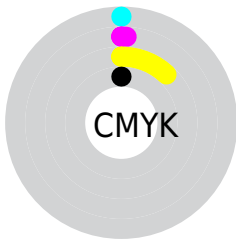
Distribution



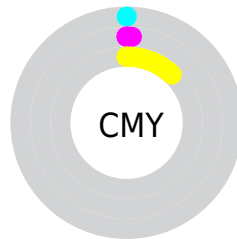
- Red (100%)
- Green (99%)
- Blue (88%)



- Red (89%)
- Yellow (100%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.9559, 96.9468, 85.2056 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 89.9559, 96.9468, 85.2056 by changing the saturation by 10% instead.


 89.9559, 96.9468,
85.2056

 89.9559, 96.9468,
85.2056


516.1274,
550.3788, 532.4705

 68.2802, 73.7564,
63.4601


146.1558,
156.9515, 142.5371

 50.4002, 54.5946,
45.7702


181.4107,
194.5345, 178.9602

 35.9506, 39.0773,
31.7171


221.9228,
237.6838, 221.1130

 24.5660, 26.8198,
20.8825

268.0573,
286.7838, 269.4140

 15.8810, 17.4380,
12.8477

320.1797,
342.2189, 324.2817

 9.5303, 10.5472,
7.1943

378.6553,

 5.1485, 5.7633,

404.3735, 386.1346

3.5036

443.8494,
473.6321, 455.3914

■ 2.3703, 2.7017,
1.3572

■ 0.8303, 0.9780,
0.1080

■ 89.9559, 96.9468,
85.2056

■ 89.9559, 96.9468,
85.2056

■ 86.2018, 94.5960,
68.0544

■ 94.2389, 99.5231,
105.0987

■ 82.9468, 92.4493,
53.5181

■ 95.0500, 100.0000,
108.9000

■ 80.1685, 90.5008,
41.4688

■ 77.8401, 88.7398,
31.7654

■ 75.9322, 87.1546,
24.2528

■ 74.4117, 85.7318,
18.7572

■ 73.2406, 84.4563,
15.0785

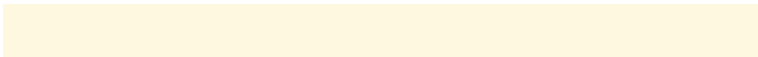
■ 72.3732, 83.3097,
12.9755

■ 71.8297, 82.4393,
12.1266

Harmonies

Analogous

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



94.0569, 96.9468, 85.0009



89.9559, 96.9468, 85.2056



86.5417, 96.9468, 90.5891

Triad

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



89.9559, 96.9468, 85.2056



86.7581, 96.9468, 122.8051



100.0638, 96.9468, 111.0905

Complementary

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



89.9559, 96.9468, 85.2056



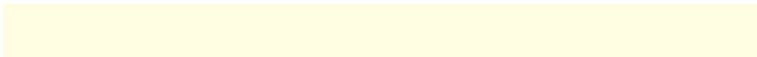
76.5699, 78.1637, 105.6592

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.



97.9851, 96.9468, 122.0924



89.9559, 96.9468, 85.2056



90.2592, 96.9468, 129.1893

Square

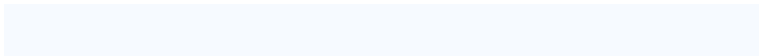
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



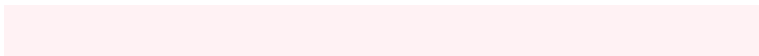
89.9559, 96.9468, 85.2056



84.7334, 96.9468, 112.0054



94.3694, 96.9468, 128.9191



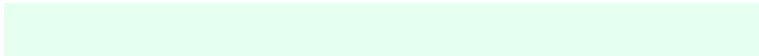
99.9767, 96.9468, 99.3641

Rectangle

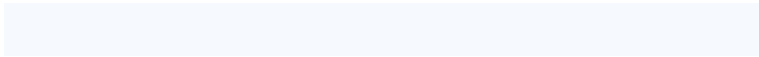
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.9559, 96.9468, 85.2056



85.0783, 96.9468, 96.6367



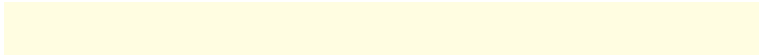
94.3694, 96.9468, 128.9191



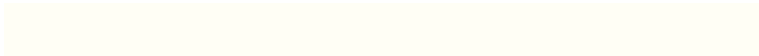
99.5926, 96.9468, 115.0134

Sweetspot

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



89.9581, 96.9509, 85.2077



93.2350, 98.9286, 100.4073



82.0311, 80.6576, 83.9194



19.8852, 21.1325, 21.1603



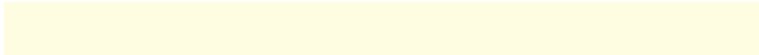
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

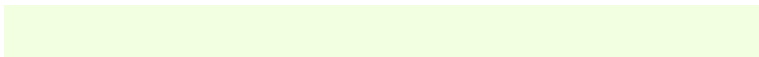
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9581, 96.9509, 85.2077



89.0734, 96.4057, 81.1386



85.9691, 95.8337, 85.2023



19.4518, 20.8717, 19.1478



37.5766, 43.1645, 6.3511



3.6886, 4.2626, 0.6283

Inverse Universe

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



76.5699, 78.1637, 105.6592



73.3882, 74.3955, 105.0995



80.2360, 79.2488, 105.6754



17.0999, 17.5715, 22.7403



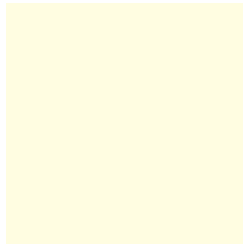
9.5718, 4.0531, 49.7124



0.9643, 0.4593, 4.8511

Previews

White Background



This preview shows how the XYZ color 89.9559, 96.9468, 85.2056 looks on a white background.

Color Contrast Check

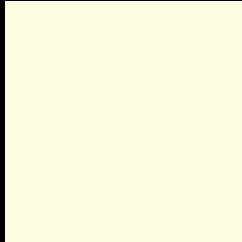
Large Text (above 18pt) WCAG AA × Fail

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 89.9559, 96.9468, 85.2056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

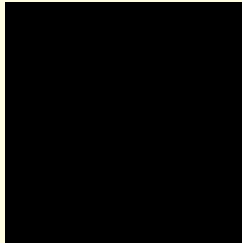
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.9559, 96.9468, 85.2056

Background



This preview shows how black text looks on a background with the XYZ color 89.9559, 96.9468, 85.2056.



This preview shows how white text looks on a background with the XYZ color 89.9559, 96.9468,

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

89.9559, 96.9468, 85.2056



Protanopia

91.9148, 96.7254, 98.6195

Deuteranopia

92.8361, 97.0939, 103.4705

Tritanopia

93.4202, 97.2852, 108.4619

Trichromacy



Original Color

89.9559, 96.9468, 85.2056



Protanomaly

91.1907, 96.9369, 93.2613



Deuteranomaly

91.7786, 97.1721, 96.3569



Tritanomaly

92.0126, 97.2233, 99.5043

Monochromacy



Original Color

89.9559, 96.9468, 85.2056



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

90.5192, 96.0407, 96.9859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.9559, 96.9468, 85.2056 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, 253, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 225)  
}
```

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, 253, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 225) }
```

Border

The CSS property to change the border of an element to XYZ 89.9559, 96.9468, 85.2056 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, 253, 225) }
```


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

```
.border{ border-color:rgb(255, 253, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 89.9559, 96.9468, 85.2056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 225) }
```

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

```
.background{ background-color: rgb(255,  
253, 225) }
```

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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