

Converting Colors

XYZ(101.6309, 102.5274,
87.3403)

Have a look what the booklet for
XYZ(101.6309, 102.5274, 87.3403)
contains.

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Color

**XYZ(89.9155, 96.4269,
86.5462)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCE3
RGB	255, 252, 227
RGB Percent	100%, 99%, 89%
CMY	0.0000, 0.0117, 0.1098
CMYK	0.00, 0.01, 0.11, 0.00
HSL	54°, 100%, 95%
HSV	54°, 11%, 100%
XYZ	89.9155, 96.4269, 86.5462
YIQ	250.0470, 9.8130, -7.1390

Conversions

Conversions Part 2

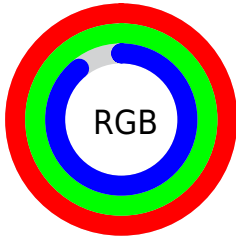
Format	Color
R_{YB}	230, 255, 227
Decimal	16776419
CIE _{Lab}	98.60, -3.14, 12.32
CIE _{LCh}	99, 12.717, 104.283
Yxy	96.4269, 0.3295, 0.3534
Android (android.graphics.Color)	4294966499 (0xFFFFFCE3)
YUV	250.0470, -11.3622, 4.3438
Hunter-Lab	98.1972, -8.3993, 16.4827

Details

The XYZ color **89.9155, 96.4269, 86.5462** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.0247, 80.1423, 105.9644**, and the grayscale version is **90.9925, 95.7312, 104.2513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.2502, 54.0145, 46.8071** is the 20% darker color. If you saturate the color by 10%, you get **85.8040, 93.4252, 69.0789**, and if you desaturate by 10%, it is **94.5652, 99.6698, 106.7671**.

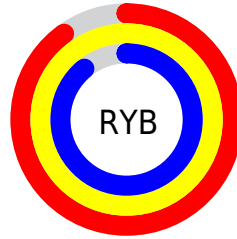
Distribution



Red (100%)

Green (99%)

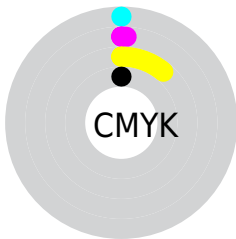
Blue (89%)



Red (90%)

Yellow (100%)

Blue (89%)

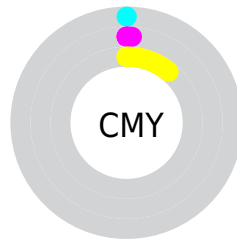


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.9155, 96.4269, 86.5462 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 89.9155, 96.4269, 86.5462 by changing the saturation by 10% instead.


 89.9155, 96.4269,
86.5462

 89.9155, 96.4269,
86.5462


515.9979,
548.7230, 537.0080

 68.2466, 73.3232,
64.5622

146.1000,
156.2345, 144.4247

 50.3728, 54.2402,
46.6571

181.3462,
193.7071, 181.1564

 35.9287, 38.7938,
32.4123


221.8490,
236.7381, 223.6410

 24.5490, 26.5993,
21.4092

267.9737,
285.7119, 272.2972

 15.8683, 17.2725,
13.2293

320.0855,
341.0129, 327.5435

 9.5213, 10.4290,
7.4540

378.5499,

 5.1425, 5.6843,

403.0255, 389.7983

3.6649

443.7323,
472.1341, 459.4803

■ 2.3667, 2.6541,
1.4434

■ 0.8285, 0.9539,
0.1752

■ 89.9155, 96.4269,
86.5462

■ 89.9155, 96.4269,
86.5462

■ 85.8040, 93.4252,
69.0789

94.5652, 99.6698,
106.7671

■ 82.2010, 90.6433,
54.2387

95.0500, 100.0000,
108.9000

■ 79.0841, 88.0754,
41.8986

■ 76.4268, 85.7107,
31.9184

■ 74.1997, 83.5374,
24.1442

■ 72.3701, 81.5424,
18.4038

■ 70.9004, 79.7105,
14.4997

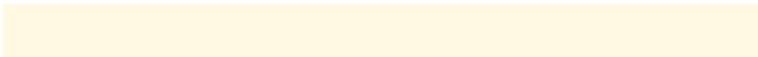
■ 69.7455, 78.0236,
12.1948

■ 68.9105, 76.6010,
11.1535

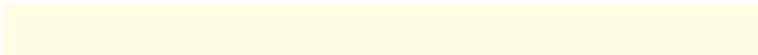
Harmonies

Analogous

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



93.5818, 96.4269, 86.6616



89.9155, 96.4269, 86.5462



86.7968, 96.4269, 91.1377

Triad

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



89.9155, 96.4269, 86.5462



86.6761, 96.4269, 119.7928



98.6352, 96.4269, 110.5803

Complementary

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



89.9155, 96.4269, 86.5462



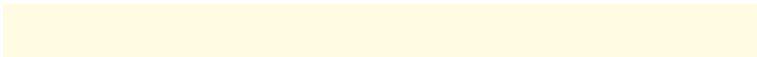
78.0247, 80.1423, 105.9644

Split Complementary

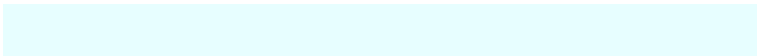
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.6827, 96.4269, 120.1848



89.9155, 96.4269, 86.5462



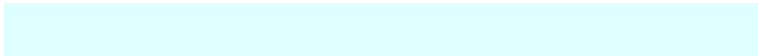
89.7467, 96.4269, 125.7415

Square

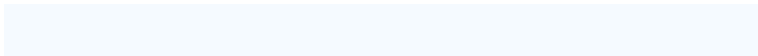
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.9155, 96.4269, 86.5462



84.9607, 96.4269, 110.0740



93.4084, 96.4269, 125.8896



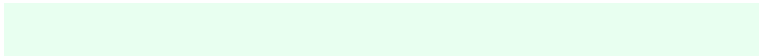
98.6833, 96.4269, 100.0698

Rectangle

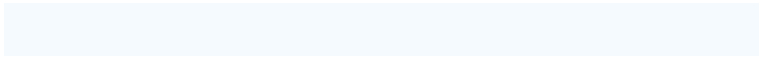
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.9155, 96.4269, 86.5462



85.4201, 96.4269, 96.4391



93.4084, 96.4269, 125.8896



98.1775, 96.4269, 114.0373

Sweetspot

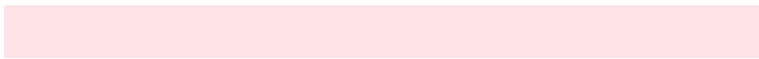
The Sweet Spot groups the original color and five complimentary colors.



89.9178, 96.4310, 86.5483



93.5822, 98.9963, 102.4550



83.0302, 81.9274, 86.4980



19.9483, 21.1326, 21.5702



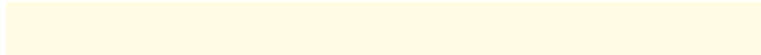
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.9178, 96.4310, 86.5483



89.0444, 95.8052, 82.8010



87.0265, 96.3471, 86.6845



19.3855, 20.7393, 19.1257



36.0741, 40.1595, 5.8503



3.5580, 4.0013, 0.5848

Inverse Universe

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



78.0247, 80.1423, 105.9644



75.1603, 76.7899, 105.4683



80.6904, 80.2904, 105.8525



17.1593, 17.6902, 22.7601



9.6897, 4.2889, 49.7517



0.9923, 0.5153, 4.8604

Previews

White Background



This preview shows how the XYZ color 89.9155, 96.4269, 86.5462 looks on a white background.

Color Contrast Check

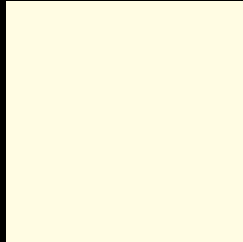
Large Text (above 18pt) WCAG AA × Fail

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 89.9155, 96.4269, 86.5462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

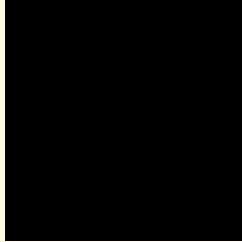
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.9155, 96.4269, 86.5462

Background



This preview shows how black text looks on a background with the XYZ color 89.9155, 96.4269, 86.5462.



This preview shows how white text looks on a background with the XYZ color 89.9155, 96.4269,

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

89.9155, 96.4269, 86.5462



Protanopia

91.7642, 96.6652, 97.8262

Deuteranopia

92.5245, 96.4708, 103.3667

Tritanopia

93.1087, 96.6620, 108.3580

Trichromacy



Original Color

89.9155, 96.4269, 86.5462

Protanomaly

91.0232, 96.3688, 93.9244

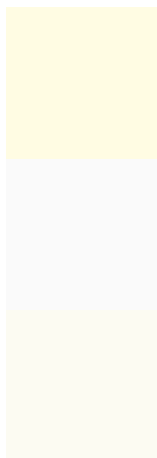
Deuteranomaly

91.6144, 96.6052, 97.0372

Tritanomaly

91.8517, 96.6578, 100.2019

Monochromacy



Original Color

89.9155, 96.4269, 86.5462

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.6691, 96.1006, 97.7749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.9155, 96.4269, 86.5462 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, 252, 227) looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 227)  
}
```

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, 252, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 227) }
```

Border

The CSS property to change the border of an element to XYZ 89.9155, 96.4269, 86.5462 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, 252, 227) }
```


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

```
.border{ border-color:rgb(255, 252, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 252, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 89.9155, 96.4269, 86.5462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 227) }
```

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

```
.background{ background-color: rgb(255,  
252, 227) }
```

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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