

Converting Colors

XYZ(82.6736, 89.4827, 60.8881)

Have a look what the booklet for
XYZ(82.6736, 89.4827, 60.8881)
contains.

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Color

**XYZ(82.7760, 89.6355,
61.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4BD
RGB	255, 244, 189
RGB Percent	100%, 96%, 74%
CMY	0.0000, 0.0431, 0.2588
CMYK	0.00, 0.04, 0.26, 0.00
HSL	50°, 100%, 87%
HSV	50°, 26%, 100%
XYZ	82.7760, 89.6355, 61.0827
YIQ	241.0190, 24.2110, -14.7730

Conversions

Conversions Part 2

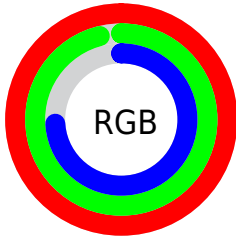
Format	Color
R _Y B	202, 255, 189
Decimal	16774333
CIE Lab	95.85, -4.61, 27.89
CIE LCh	96, 28.266, 99.383
Yxy	89.6355, 0.3545, 0.3839
Android (android.graphics.Color)	4294964413 (0xFFFFF4BD)
YUV	241.0190, -25.6454, 12.2613
Hunter-Lab	94.6760, -9.6191, 28.0207

Details

The XYZ color **82.7760, 89.6355, 61.0827** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.6901, 59.3456, 102.9166**, and the grayscale version is **83.8081, 88.1727, 96.0200**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **45.6451, 49.7215, 30.1131** is the 20% darker color. If you saturate the color by 10%, you get **78.9851, 86.1006, 47.3428**, and if you desaturate by 10%, it is **87.0874, 93.4319, 77.3992**.

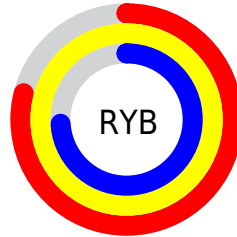
Distribution



Red (100%)

Green (96%)

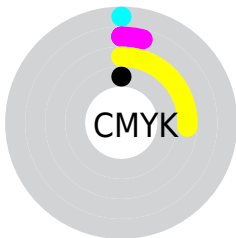
Blue (74%)



Red (79%)

Yellow (100%)

Blue (74%)

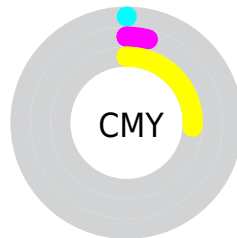


Cyan (0%)

Magenta (4%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7760, 89.6355, 61.0827 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 82.7760, 89.6355, 61.0827 by changing the saturation by 10% instead.


 82.7760, 89.6355,
61.0827

 82.7760, 89.6355,
61.0827


492.8349,
526.8444, 446.4921

 62.3217, 67.6784,
43.8609


 136.1918,
146.8320, 107.9574

 45.5492, 49.6361,
30.2248


169.8841,
182.8401, 138.4473

 32.0934, 35.1244,
19.7558


208.7196,
224.3007, 174.1971

 21.5887, 23.7587,
12.0353

253.0639,
271.5982, 215.6253

 13.6699, 15.1547,
6.6449

303.2822,
325.1169, 263.1503

 7.9716, 8.9280,
3.1660

359.7399,

 4.1284, 4.6943,

385.2412, 317.1907

1.1800

422.8023,
452.3556, 378.1652

■ 1.7751, 2.0690,
0.0000

■ 0.5026, 0.6471,
0.0000

■ 82.7760, 89.6355,
61.0827

■ 82.7760, 89.6355,
61.0827

■ 78.9851, 86.1006,
47.3428

■ 87.0874, 93.4319,
77.3992

■ 75.6825, 82.8048,
36.0396

■ 91.9367, 97.4878,
96.4111

■ 72.8424, 79.7405,
27.0285

95.0500, 100.0000,
108.9000

■ 70.4338, 76.8950,
20.1472

■ 68.4217, 74.2539,
15.2124

■ 66.7651, 71.8006,
12.0092

■ 65.4133, 69.5144,
10.2717

■ 64.9146, 68.6091,
9.8215

Harmonies

Analogous

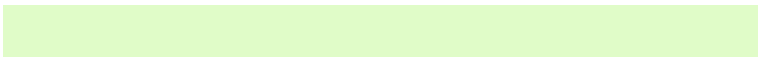
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5823, 89.6355, 62.6876



82.7760, 89.6355, 61.0827



76.0368, 89.6355, 68.0420

Triad

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



82.7760, 89.6355, 61.0827



74.1301, 89.6355, 127.4404



100.0055, 89.6355, 113.5035

Complementary

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



82.7760, 89.6355, 61.0827



59.6901, 59.3456, 102.9166

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.



95.0624, 89.6355, 134.6702



82.7760, 89.6355, 61.0827



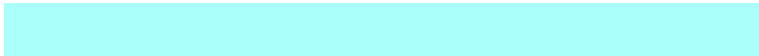
80.0273, 89.6355, 143.5299

Square

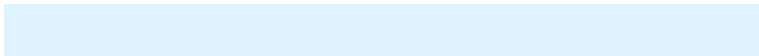
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.7760, 89.6355, 61.0827



71.2495, 89.6355, 104.7633



87.6624, 89.6355, 146.3604



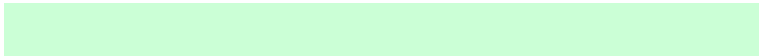
100.8528, 89.6355, 90.7667

Rectangle

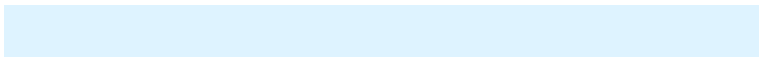
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.7760, 89.6355, 61.0827



72.9391, 89.6355, 77.3310



87.6624, 89.6355, 146.3604



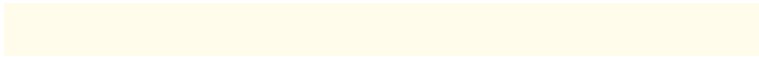
98.7541, 89.6355, 121.1282

Sweetspot

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



82.7782, 89.6395, 61.0846



90.8632, 96.6061, 92.1524



69.8636, 61.8263, 62.8961



19.2885, 20.5452, 19.0933



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

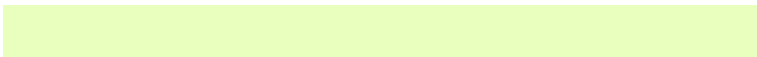
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7782, 89.6395, 61.0846



80.7738, 87.7971, 53.7377



78.5500, 92.5180, 61.8630



19.2885, 20.5452, 19.0933



34.0146, 36.0403, 5.1637



3.3772, 3.6398, 0.5246

Inverse Universe

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



59.6901, 59.3456, 102.9166



54.1661, 52.8901, 101.9617



63.1124, 57.4652, 102.3732



17.2474, 17.8665, 22.7895



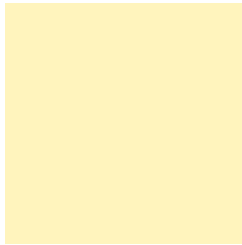
9.9442, 4.7980, 49.8366



1.0337, 0.5980, 4.8742

Previews

White Background



This preview shows how the XYZ color 82.7760, 89.6355, 61.0827 looks on a white background.

Color Contrast Check

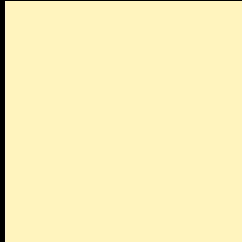
Large Text (above 18pt) WCAG AA × Fail

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 82.7760, 89.6355, 61.0827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

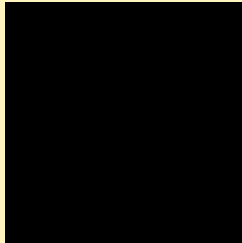
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7760, 89.6355, 61.0827

Background



This preview shows how black text looks on a background with the XYZ color 82.7760, 89.6355, 61.0827.



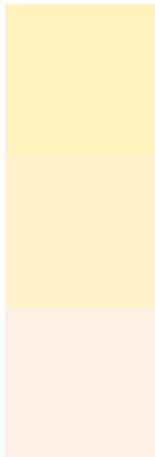
This preview shows how white text looks on a background with the XYZ color 82.7760, 89.6355,

61.0827.

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

82.7760, 89.6355, 61.0827

Protanopia

84.3100, 89.7690, 70.6411

Deuteranopia

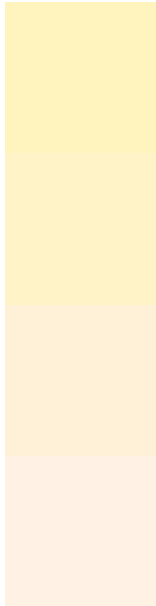
86.6830, 89.2933, 87.5296



Tritanopia

89.2054, 89.8326, 102.2603

Trichromacy



Original Color

82.7760, 89.6355, 61.0827

Protanomaly

83.5994, 89.4847, 66.8989

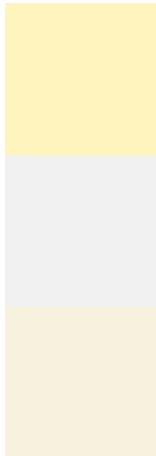
Deuteranomaly

84.9610, 89.0769, 77.0056

Tritanomaly

86.5604, 89.7166, 85.4279

Monochromacy



Original Color

82.7760, 89.6355, 61.0827

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.9430, 88.3710, 81.7930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7760, 89.6355, 61.0827 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, 244, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 189)  
}
```

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, 244, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 189) }
```

Border

The CSS property to change the border of an element to XYZ 82.7760, 89.6355, 61.0827 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, 244, 189) }
```


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

```
.border{ border-color:rgb(255, 244, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7760, 89.6355, 61.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 189) }
```

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

```
.background{ background-color: rgb(255,  
244, 189) }
```

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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