

Converting Colors

XYZ(82.0485, 88.6020, 59.5406)

Have a look what the booklet for
XYZ(82.0485, 88.6020, 59.5406)
contains.

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Color

**XYZ(81.9618, 88.3521,
59.7475)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2BB
RGB	255, 242, 187
RGB Percent	100%, 95%, 73%
CMY	0.0000, 0.0510, 0.2667
CMYK	0.00, 0.05, 0.27, 0.00
HSL	49°, 100%, 87%
HSV	49°, 27%, 100%
XYZ	81.9618, 88.3521, 59.7475
YIQ	239.6170, 25.4030, -14.3490

Conversions

Conversions Part 2

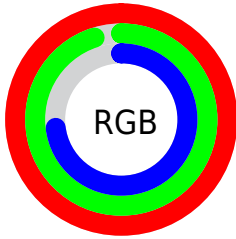
Format	Color
R _Y B	203, 255, 187
Decimal	16773819
CIE Lab	95.31, -3.87, 28.17
CIE LCh	95, 28.438, 97.815
Yxy	88.3521, 0.3563, 0.3840
Android (android.graphics.Color)	4294963899 (0xFFFFF2BB)
YUV	239.6170, -25.9402, 13.4909
Hunter-Lab	93.9958, -8.8455, 28.1100

Details

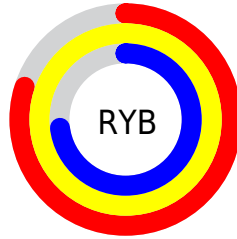
The XYZ color **81.9618, 88.3521, 59.7475** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.1973, 59.0916, 102.8935**, and the grayscale version is **82.7092, 87.0165, 94.7610**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **45.0812, 48.8170, 29.2369** is the 20% darker color. If you saturate the color by 10%, you get **78.0403, 84.4967, 46.1472**, and if you desaturate by 10%, it is **86.4109, 92.4865, 75.9173**.

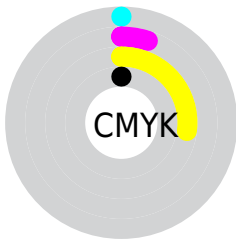
Distribution



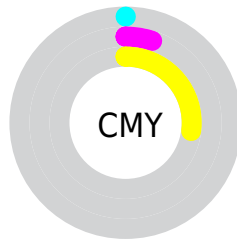
- Red (100%)
- Green (95%)
- Blue (73%)



- Red (80%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.9618, 88.3521, 59.7475 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 81.9618, 88.3521, 59.7475 by changing the saturation by 10% instead.


 81.9618, 88.3521,
59.7475

 81.9618, 88.3521,
59.7475


490.1563,
522.6556, 441.4452

 61.6480, 66.6147,
42.7912

 135.0565,
145.0473, 106.0031

 45.0029, 48.7716,
29.3911

168.5682,
180.7738, 136.1394

 31.6610, 34.4383,
19.1288


207.2099,
221.9322, 171.5062

 21.2570, 23.2305,
11.5856

251.3470,
268.9068, 212.5219

 13.4255, 14.7638,
6.3431

301.3449,
322.0821, 259.6051

 7.8012, 8.6538,
2.9827

357.5688,

 4.0187, 4.5161,

381.8424, 313.1744

1.0858

420.3842,
448.5721, 373.6482

■ 1.7127, 1.9662,
0.0000

■ 0.4642, 0.5877,
0.0000

■ 81.9618, 88.3521,
59.7475

■ 81.9618, 88.3521,
59.7475

■ 78.0403, 84.4967,
46.1472

■ 86.4109, 92.4865,
75.9173

■ 74.6142, 80.8978,
34.9756

■ 91.4055, 96.8982,
94.7762

■ 71.6572, 77.5475,
26.0870

95.0500, 100.0000,
108.9000

■ 69.1381, 74.4326,
19.3177

■ 67.0213, 71.5386,
14.4822

■ 65.2651, 68.8483,
11.3627

■ 63.8173, 66.3402,
9.6855

■ 63.3769, 65.5339,
9.3090

Harmonies

Analogous

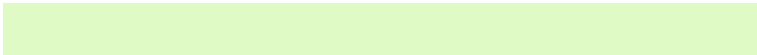
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7416, 88.3521, 61.7856



81.9618, 88.3521, 59.7475



75.1493, 88.3521, 66.2165

Triad

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



81.9618, 88.3521, 59.7475



72.7232, 88.3521, 124.8753



98.5759, 88.3521, 113.2688

Complementary

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



81.9618, 88.3521, 59.7475



59.1973, 59.0916, 102.8935

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.



93.4682, 88.3521, 134.0942



81.9618, 88.3521, 59.7475



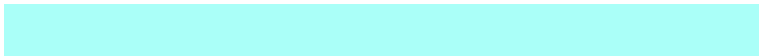
78.4628, 88.3521, 141.4824

Square

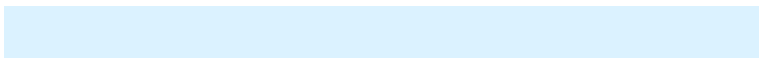
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9618, 88.3521, 59.7475



70.0339, 88.3521, 102.1337



86.0230, 88.3521, 145.0933



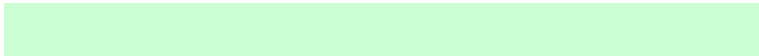
99.6556, 88.3521, 90.5015

Rectangle

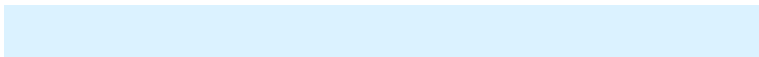
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9618, 88.3521, 59.7475



71.9614, 88.3521, 75.1719



86.0230, 88.3521, 145.0933



97.2586, 88.3521, 120.8248

Sweetspot

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



81.9639, 88.3560, 59.7493



90.7066, 96.2930, 92.1003



69.5066, 60.9999, 63.1238



19.2489, 20.4659, 19.0801



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

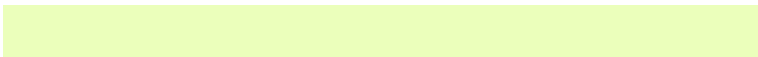
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9639, 88.3560, 59.7493



79.8074, 86.2643, 52.1828



78.8591, 92.7022, 60.7519



19.2489, 20.4659, 19.0801



33.2210, 34.4532, 4.8992



3.3069, 3.4992, 0.5011

Inverse Universe

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



59.1973, 59.0916, 102.8935



53.5682, 52.5420, 101.9260



61.6652, 56.0848, 102.1831



17.2839, 17.9393, 22.8016



10.0790, 5.0676, 49.8815



1.0520, 0.6347, 4.8803

Previews

White Background



This preview shows how the XYZ color 81.9618, 88.3521, 59.7475 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 81.9618, 88.3521, 59.7475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

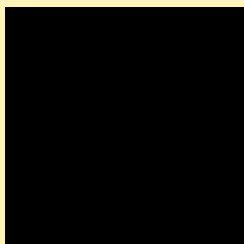
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.9618, 88.3521, 59.7475

Background



This preview shows how black text looks on a background with the XYZ color 81.9618, 88.3521, 59.7475.



This preview shows how white text looks on a background with the XYZ color 81.9618, 88.3521,

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

81.9618, 88.3521, 59.7475

Protanopia

82.7733, 88.2018, 65.4854

Deuteranopia

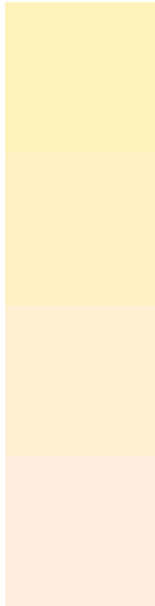
85.9716, 88.5391, 85.2316



Tritanopia

88.4675, 88.6057, 101.2468

Trichromacy



Original Color

81.9618, 88.3521, 59.7475

Protanomaly

82.3209, 88.0208, 63.1030

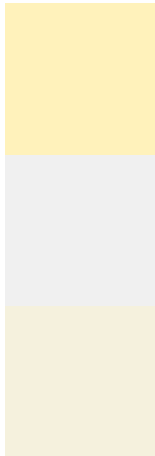
Deuteranomaly

84.2838, 88.3336, 74.8952

Tritanomaly

85.8340, 88.4840, 84.5067

Monochromacy



Original Color

81.9618, 88.3521, 59.7475

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.1626, 87.5435, 80.9738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9618, 88.3521, 59.7475 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, 242, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 187)  
}
```

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, 242, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 187) }
```

Border

The CSS property to change the border of an element to XYZ 81.9618, 88.3521, 59.7475 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, 242, 187) }
```


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

```
.border{ border-color:rgb(255, 242, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9618, 88.3521, 59.7475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 187) }
```

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

```
.background{ background-color: rgb(255,  
242, 187) }
```

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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