

Converting Colors

XYZ(96.0855, 95.9670, 54.9983)

Have a look what the booklet for
XYZ(96.0855, 95.9670, 54.9983)
contains.

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Color

**XYZ(80.9279, 87.9386,
54.3035)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2B1
RGB	255, 242, 177
RGB Percent	100%, 95%, 69%
CMY	0.0000, 0.0510, 0.3059
CMYK	0.00, 0.05, 0.31, 0.00
HSL	50°, 100%, 85%
HSV	50°, 31%, 100%
XYZ	80.9279, 87.9386, 54.3035
YIQ	238.4770, 28.6130, -17.4590

Conversions

Conversions Part 2

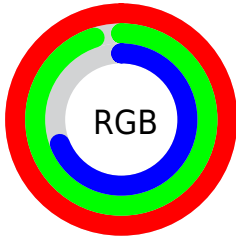
Format	Color
RYB	193, 255, 177
Decimal	16773809
CIELab	95.14, -5.13, 33.01
CIElCh	95, 33.402, 98.829
Yxy	87.9386, 0.3626, 0.3940
Android (android.graphics.Color)	4294963889 (0xFFFFF2B1)
YUV	238.4770, -30.3082, 14.4907
Hunter-Lab	93.7756, -10.0626, 31.3093

Details

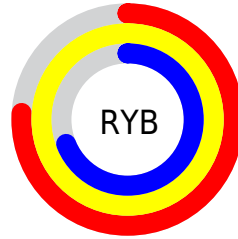
The XYZ color **80.9279, 87.9386, 54.3035** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.5945, 53.3925, 102.0361**, and the grayscale version is **81.8519, 86.1146, 93.7788**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **44.2230, 48.4434, 26.0885** is the 20% darker color. If you saturate the color by 10%, you get **77.3711, 84.5193, 41.7285**, and if you desaturate by 10%, it is **84.9935, 91.6146, 69.3932**.

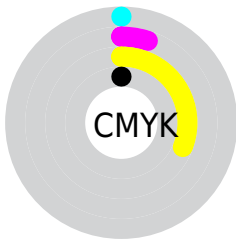
Distribution



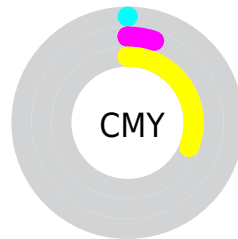
- Red (100%)
- Green (95%)
- Blue (69%)



- Red (76%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9279, 87.9386, 54.3035 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 80.9279, 87.9386, 54.3035 by changing the saturation by 10% instead.


 80.9279, 87.9386,
54.3035

 80.9279, 87.9386,
54.3035


486.7435,
521.3021, 420.4736

 60.7933, 66.2722,
38.4495


 133.6132,
144.4717, 97.9806

 44.3103, 48.4934,
26.0272


166.8946,
180.1072, 126.6408

 31.1135, 34.2178,
16.6181

205.2891,
221.1678, 160.4069

 20.8375, 23.0610,
9.8035

249.1618,
268.0380, 199.6973

 13.1171, 14.6385,
5.1650

298.8783,
321.1021, 244.9307

 7.5868, 8.5661,
2.2839

354.8038,

 3.8813, 4.4593,

380.7446, 296.5255

0.7222

417.3038,
447.3498, 354.9003

■ 1.6352, 1.9336,
0.0000

■ 0.4152, 0.5685,
0.0000

■ 80.9279, 87.9386,
54.3035

■ 80.9279, 87.9386,
54.3035

■ 77.3711, 84.5193,
41.7285

■ 84.9935, 91.6146,
69.3932

■ 74.2897, 81.3338,
31.5230

■ 89.5859, 95.5455,
87.1209

■ 71.6567, 78.3739,
23.5354

94.7302, 99.7448,
107.6085

■ 69.4393, 75.6264,
17.5945

95.0500, 100.0000,
108.9000

■ 67.5999, 73.0758,
13.5038

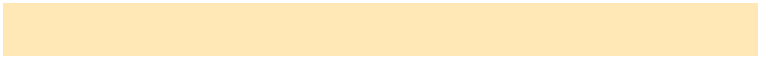
■ 66.0939, 70.7039,
11.0280

■ 64.9137, 68.6075,
9.8212

Harmonies

Analogous

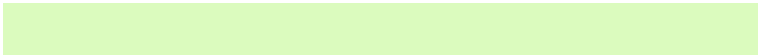
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0578, 87.9386, 56.2349



80.9279, 87.9386, 54.3035



73.0925, 87.9386, 61.7992

Triad

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



80.9279, 87.9386, 54.3035



70.6888, 87.9386, 130.7034



100.9705, 87.9386, 114.9966

Complementary

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



80.9279, 87.9386, 54.3035



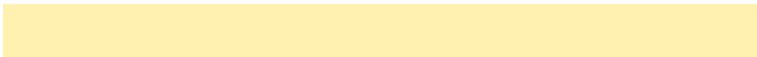
54.5945, 53.3925, 102.0361

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.



95.0321, 87.9386, 140.2958



80.9279, 87.9386, 54.3035



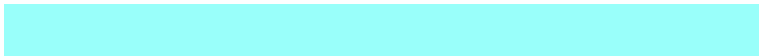
77.4262, 87.9386, 150.4464

Square

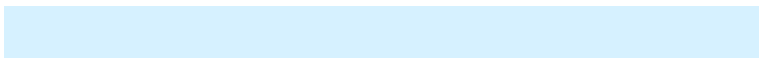
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9279, 87.9386, 54.3035



67.4689, 87.9386, 103.6437



86.2955, 87.9386, 154.2435



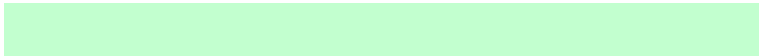
102.0780, 87.9386, 88.2680

Rectangle

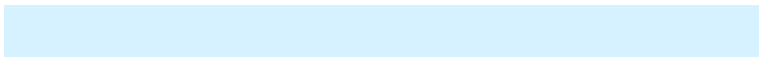
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.9279, 87.9386, 54.3035



69.4976, 87.9386, 72.1006



86.2955, 87.9386, 154.2435



99.4535, 87.9386, 124.0767

Sweetspot

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



80.9301, 87.9426, 54.3053



90.3650, 96.1939, 90.1857



66.2571, 56.4230, 56.1149



19.1889, 20.4622, 18.7016



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

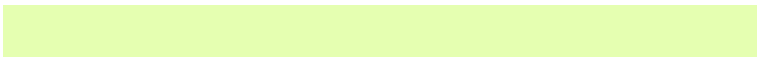
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9301, 87.9426, 54.3053



78.5915, 85.7194, 45.9599



76.0094, 91.3526, 55.2229



19.2885, 20.5452, 19.0933



34.0141, 36.0395, 5.1636



3.3772, 3.6397, 0.5245

Inverse Universe

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



54.5945, 53.3925, 102.0361



48.2750, 45.9557, 100.9337



58.4016, 51.3619, 101.4435



17.2475, 17.8665, 22.7895



9.9443, 4.7981, 49.8366



1.0337, 0.5980, 4.8742

Previews

White Background



This preview shows how the XYZ color 80.9279, 87.9386, 54.3035 looks on a white background.

Color Contrast Check

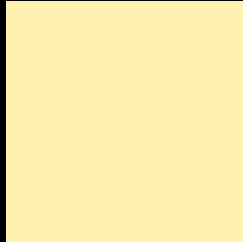
Large Text (above 18pt) WCAG AA × Fail

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 80.9279, 87.9386, 54.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

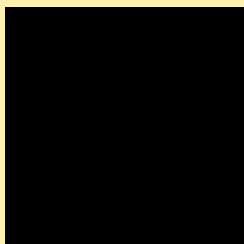
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9279, 87.9386, 54.3035

Background



This preview shows how black text looks on a background with the XYZ color 80.9279, 87.9386, 54.3035.



This preview shows how white text looks on a background with the XYZ color 80.9279, 87.9386,

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

80.9279, 87.9386, 54.3035

Protanopia

82.3209, 88.0208, 63.1030

Deuteranopia

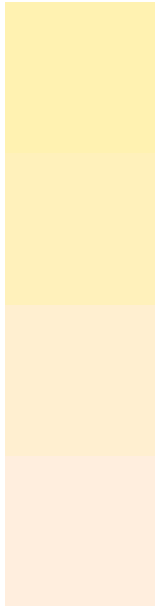
85.4051, 87.8453, 83.6887



Tritanopia

88.0240, 87.9663, 100.3355

Trichromacy



Original Color

80.9279, 87.9386, 54.3035

Protanomaly

81.6649, 87.7585, 59.6486

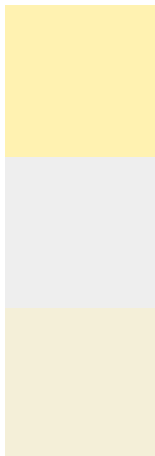
Deuteranomaly

83.4917, 87.5471, 72.1723

Tritanomaly

84.9994, 87.6830, 81.5518

Monochromacy



Original Color

80.9279, 87.9386, 54.3035

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.5694, 85.9240, 77.3043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9279, 87.9386, 54.3035 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 177) }
```

Border

The CSS property to change the border of an element to XYZ 80.9279, 87.9386, 54.3035 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, 177) }
```


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

```
.border{ border-color:rgb(255, 242, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9279, 87.9386, 54.3035 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
242, 177) }
```

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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