

Converting Colors

XYZ(104.2756, 100.0000,
56.0260)

Have a look what the booklet for
XYZ(104.2756, 100.0000, 56.0260)
contains.

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Color

**XYZ(81.0280, 87.9786,
54.8304)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2B2
RGB	255, 242, 178
RGB Percent	100%, 95%, 70%
CMY	0.0000, 0.0510, 0.3020
CMYK	0.00, 0.05, 0.30, 0.00
HSL	50°, 100%, 85%
HSV	50°, 30%, 100%
XYZ	81.0280, 87.9786, 54.8304
YIQ	238.5910, 28.2920, -17.1480

Conversions

Conversions Part 2

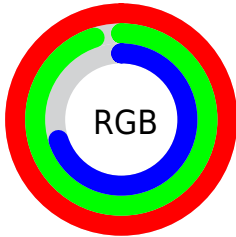
Format	Color
R _Y B	194, 255, 178
Decimal	16773810
CIE Lab	95.15, -5.00, 32.52
CIE LCh	95, 32.907, 98.747
Yxy	87.9786, 0.3620, 0.3930
Android (android.graphics.Color)	4294963890 (0xFFFFF2B2)
YUV	238.5910, -29.8714, 14.3907
Hunter-Lab	93.7969, -9.9444, 30.9990

Details

The XYZ color **81.0280, 87.9786, 54.8304** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.0405, 53.9450, 102.1192**, and the grayscale version is **81.9373, 86.2045, 93.8767**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **44.2865, 48.4688, 26.4233** is the 20% darker color. If you saturate the color by 10%, you get **77.4369, 84.5199, 42.1545**, and if you desaturate by 10%, it is **85.1295, 91.6958, 70.0265**.

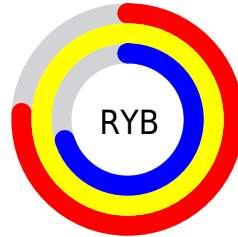
Distribution



Red (100%)

Green (95%)

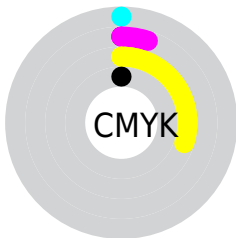
Blue (70%)



Red (76%)

Yellow (100%)

Blue (70%)

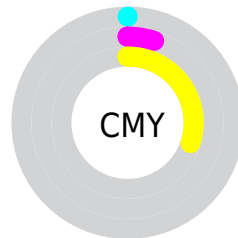


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0280, 87.9786, 54.8304 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 81.0280, 87.9786, 54.8304 by changing the saturation by 10% instead.

 81.0280, 87.9786,
54.8304

 81.0280, 87.9786,
54.8304


487.0745,
521.4332, 422.5325

 60.8760, 66.3053,
38.8683


 133.7530,
144.5274, 98.7611

 44.3773, 48.5203,
26.3502


167.0568,
180.1717, 127.5667

 31.1664, 34.2391,
16.8577


205.4752,
221.2418, 161.4906

 20.8780, 23.0774,
9.9722

249.3737,
268.1221, 200.9512

 13.1468, 14.6506,
5.2752

299.1174,
321.1970, 246.3672

 7.6074, 8.5746,
2.3481

355.0719,

 3.8945, 4.4647,

380.8508, 298.1571

0.7580

417.6025,
447.4681, 356.7393

■ 1.6426, 1.9368,
0.0000

■ 0.4199, 0.5704,
0.0000

■ 81.0280, 87.9786,
54.8304

■ 81.0280, 87.9786,
54.8304

■ 77.4369, 84.5199,
42.1545

■ 85.1295, 91.6958,
70.0265

■ 74.3232, 81.2970,
31.8541

■ 89.7595, 95.6700,
87.8657

■ 71.6598, 78.3017,
23.7782

94.9432, 99.9144,
108.4695

■ 69.4141, 75.5208,
17.7563

95.0500, 100.0000,
108.9000

■ 67.5488, 72.9389,
13.5932

■ 66.0194, 70.5380,
11.0554

■ 64.7755, 68.3311,
9.7752

Harmonies

Analogous

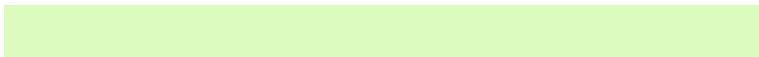
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0235, 87.9786, 56.7708



81.0280, 87.9786, 54.8304



73.2938, 87.9786, 62.2317

Triad

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



81.0280, 87.9786, 54.8304



70.8898, 87.9786, 130.1170



100.7294, 87.9786, 114.8174

Complementary

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



81.0280, 87.9786, 54.8304



55.0405, 53.9450, 102.1192

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.



94.8755, 87.9786, 139.6638



81.0280, 87.9786, 54.8304



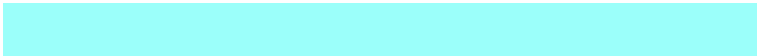
77.5295, 87.9786, 149.5366

Square

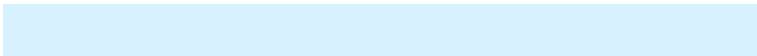
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0280, 87.9786, 54.8304



67.7210, 87.9786, 103.4957



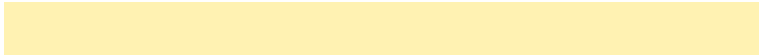
86.2688, 87.9786, 153.3117



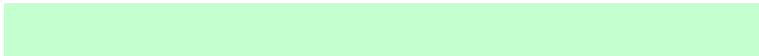
101.8332, 87.9786, 88.4837

Rectangle

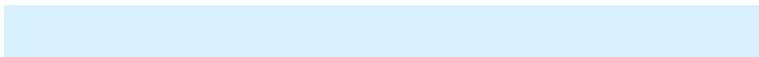
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0280, 87.9786, 54.8304



69.7390, 87.9786, 72.4051



86.2688, 87.9786, 153.3117



99.2328, 87.9786, 123.7439

Sweetspot

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



81.0302, 87.9826, 54.8322



90.3495, 96.1629, 90.1805



66.6884, 56.9127, 57.4084



19.1850, 20.4545, 18.7003



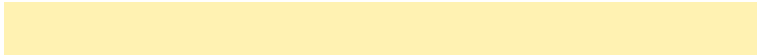
0.0000, 0.0000, 0.0000



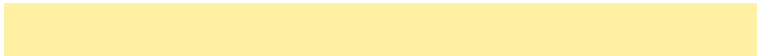
20.3446, 21.4041, 23.3091

Same Dimension

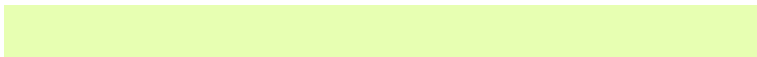
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0302, 87.9826, 54.8322



78.8844, 85.9427, 47.1753



76.6277, 91.6598, 55.7740



19.2850, 20.5382, 19.0922



33.9428, 35.8969, 5.1398



3.3709, 3.6271, 0.5224

Inverse Universe

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



55.0405, 53.9450, 102.1192



49.2536, 47.1443, 101.1116



58.4322, 51.6720, 101.5017



17.2507, 17.8729, 22.7906



9.9554, 4.8204, 49.8403



1.0352, 0.6012, 4.8747

Previews

White Background



This preview shows how the XYZ color 81.0280, 87.9786, 54.8304 looks on a white background.

Color Contrast Check

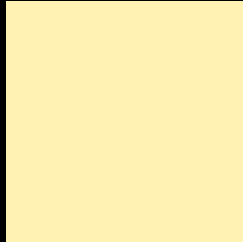
Large Text (above 18pt) WCAG AA × Fail

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 81.0280, 87.9786, 54.8304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

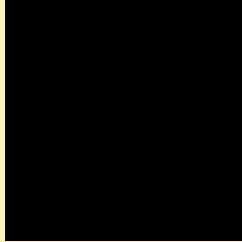
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

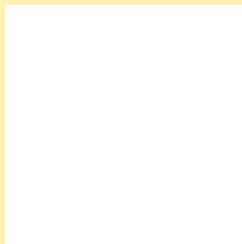
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0280, 87.9786, 54.8304

Background



This preview shows how black text looks on a background with the XYZ color 81.0280, 87.9786, 54.8304.



This preview shows how white text looks on a background with the XYZ color 81.0280, 87.9786,

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

81.0280, 87.9786, 54.8304

Protanopia

82.4329, 88.0656, 63.6926

Deuteranopia

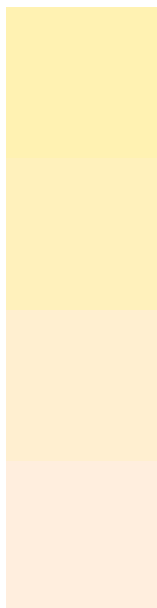
85.4051, 87.8453, 83.6887



Tritanopia

88.0240, 87.9663, 100.3355

Trichromacy



Original Color

81.0280, 87.9786, 54.8304

Protanomaly

81.7724, 87.8014, 60.2145

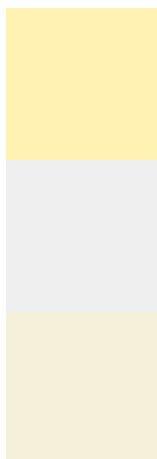
Deuteranomaly

83.4917, 87.5471, 72.1723

Tritanomaly

84.9994, 87.6830, 81.5518

Monochromacy



Original Color

81.0280, 87.9786, 54.8304

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.3407, 86.7424, 78.1015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0280, 87.9786, 54.8304 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 178) }
```

Border

The CSS property to change the border of an element to XYZ 81.0280, 87.9786, 54.8304 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, 178) }
```


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

```
.border{ border-color:rgb(255, 242, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0280, 87.9786, 54.8304 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
242, 178) }
```

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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