

Converting Colors

XYZ(81.1276, 87.1220, 58.1410)

Have a look what the booklet for
XYZ(81.1276, 87.1220, 58.1410)
contains.

XYZ(81.0518, 87.0409, 57.8761)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.0518, 87.0409,
57.8761)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0B8
RGB	255, 240, 184
RGB Percent	100%, 94%, 72%
CMY	0.0000, 0.0588, 0.2784
CMYK	0.00, 0.06, 0.28, 0.00
HSL	47°, 100%, 86%
HSV	47°, 28%, 100%
XYZ	81.0518, 87.0409, 57.8761
YIQ	238.1010, 26.9160, -14.2360

Conversions

Conversions Part 2

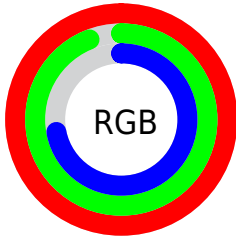
Format	Color
R _Y B	203, 255, 184
Decimal	16773304
CIE Lab	94.76, -3.25, 28.95
CIE LCh	95, 29.129, 96.405
Yxy	87.0409, 0.3587, 0.3852
Android (android.graphics.Color)	4294963384 (0xFFFFF0B8)
YUV	238.1010, -26.6718, 14.8204
Hunter-Lab	93.2957, -8.1934, 28.5264

Details

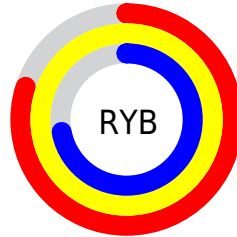
The XYZ color **81.0518, 87.0409, 57.8761** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.2401, 58.2555, 102.7826**, and the grayscale version is **81.5336, 85.7797, 93.4141**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **44.5259, 47.9254, 28.3765** is the 20% darker color. If you saturate the color by 10%, you get **77.0549, 82.9460, 44.5238**, and if you desaturate by 10%, it is **85.5819, 91.4304, 73.7853**.

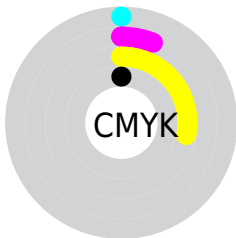
Distribution



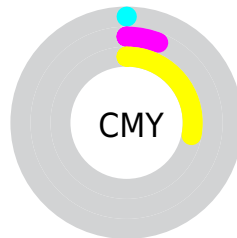
- Red (100%)
- Green (94%)
- Blue (72%)



- Red (80%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (6%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0518, 87.0409, 57.8761 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 81.0518, 87.0409, 57.8761 by changing the saturation by 10% instead.


 81.0518, 87.0409,
57.8761

 81.0518, 87.0409,
57.8761


487.1532,
518.3573, 434.3095

 60.8957, 65.5291,
41.2950


 133.7863,
143.2211, 103.2554

 44.3932, 47.8902,
28.2282


167.0954,
178.6583, 132.8907

 31.1790, 33.7399,
18.2572

205.5195,
219.5061, 167.7145

 20.8877, 22.6939,
10.9635

249.4240,
266.1488, 208.1453

 13.1539, 14.3676,
5.9284

299.1743,
318.9709, 254.6016

 7.6124, 8.3768,
2.7335

355.1357,

 3.8976, 4.3370,

378.3567, 307.5021

0.9602

417.6735,
444.6907, 367.2652

■ 1.6444, 1.8638,
0.0000

■ 0.4211, 0.5265,
0.0000

■ 81.0518, 87.0409,
57.8761

■ 81.0518, 87.0409,
57.8761

■ 77.0549, 82.9460,
44.5238

■ 85.5819, 91.4304,
73.7853

■ 73.5585, 79.1230,
33.5864

■ 90.6632, 96.1133,
92.3722

■ 70.5360, 75.5634,
24.9164

95.0500, 100.0000,
108.9000

■ 67.9555, 72.2541,
18.3479

■ 65.7807, 69.1796,
13.6921

■ 63.9691, 66.3224,
10.7264

■ 62.4636, 63.6590,
9.1532

■ 62.1613, 63.1026,
8.9038

Harmonies

Analogous

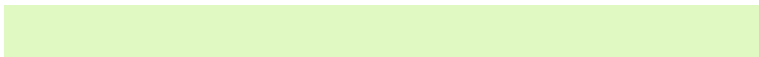
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9406, 87.0409, 60.3248



81.0518, 87.0409, 57.8761



74.0636, 87.0409, 63.9764

Triad

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



81.0518, 87.0409, 57.8761



71.1302, 87.0409, 122.9137



97.3980, 87.0409, 113.2141

Complementary

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



81.0518, 87.0409, 57.8761



58.2401, 58.2555, 102.7826

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.



92.0469, 87.0409, 134.1403



81.0518, 87.0409, 57.8761



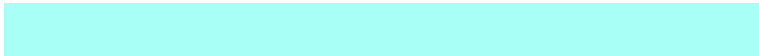
76.8150, 87.0409, 140.3326

Square

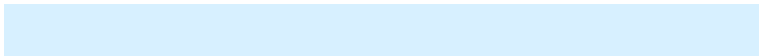
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0518, 87.0409, 57.8761



68.5746, 87.0409, 99.6940



84.4307, 87.0409, 144.7366



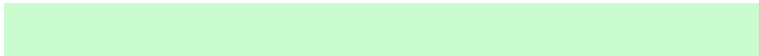
98.7100, 87.0409, 90.0162

Rectangle

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



81.0518, 87.0409, 57.8761



70.7457, 87.0409, 72.7435



84.4307, 87.0409, 144.7366



95.9961, 87.0409, 120.8530

Sweetspot

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



81.0540, 87.0448, 57.8779



90.5787, 96.0371, 92.0576



68.7345, 59.6833, 62.1648



19.2165, 20.4011, 19.0693



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

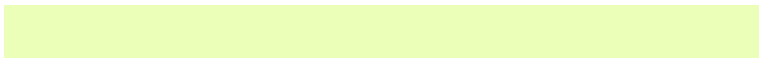
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0540, 87.0448, 57.8779



78.9269, 84.8956, 50.6798



78.6346, 92.6232, 59.0822



19.2165, 20.4011, 19.0693



32.5931, 33.1974, 4.6899



3.2510, 3.3875, 0.4825

Inverse Universe

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



58.2401, 58.2555, 102.7826



52.9281, 52.0934, 101.8732



60.1252, 54.3560, 101.9306



17.3138, 17.9992, 22.8116



10.2035, 5.3165, 49.9230



1.0682, 0.6671, 4.8857

Previews

White Background



This preview shows how the XYZ color 81.0518, 87.0409, 57.8761 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 81.0518, 87.0409, 57.8761 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 81.0518, 87.0409, 57.8761

Background



This preview shows how black text looks on a background with the XYZ color 81.0518, 87.0409, 57.8761.



This preview shows how white text looks on a background with the XYZ color 81.0518, 87.0409,

57.8761.

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

81.0518, 87.0409, 57.8761

Protanopia

81.5854, 87.2543, 60.6859

Deuteranopia

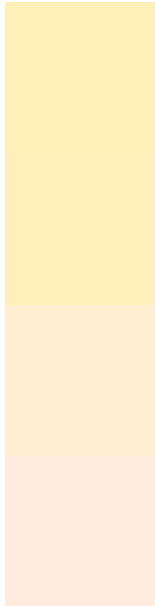
84.8435, 87.1561, 82.1631



Tritanopia

87.2974, 86.7595, 99.3340

Trichromacy



Original Color

81.0518, 87.0409, 57.8761

Protanomaly

81.3697, 87.1680, 59.5502

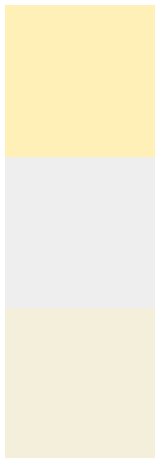
Deuteranomaly

83.3232, 87.0125, 72.7251

Tritanomaly

84.5547, 86.5786, 82.0669

Monochromacy



Original Color

81.0518, 87.0409, 57.8761

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.8296, 86.0281, 78.6746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0518, 87.0409, 57.8761 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, 240, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 184)  
}
```

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, 240, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 184) }
```

Border

The CSS property to change the border of an element to XYZ 81.0518, 87.0409, 57.8761 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, 240, 184) }
```


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

```
.border{ border-color:rgb(255, 240, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 240, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 240, 184); box-shadow:4px 4px 4px 4px rgb(255, 240, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0518, 87.0409, 57.8761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 184) }
```

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

```
.background{ background-color: rgb(255,  
240, 184) }
```

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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