

Converting Colors

XYZ(172.1381, 133.5421,
61.5325)

Have a look what the booklet for
XYZ(172.1381, 133.5421, 61.5325)
contains.

XYZ(80.6537, 86.4119, 57.2280)	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(80.6537, 86.4119,
57.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFB7
RGB	255, 239, 183
RGB Percent	100%, 94%, 72%
CMY	0.0000, 0.0627, 0.2823
CMYK	0.00, 0.06, 0.28, 0.00
HSL	47°, 100%, 86%
HSV	47°, 28%, 100%
XYZ	80.6537, 86.4119, 57.2280
YIQ	237.4000, 27.5120, -14.0240

Conversions

Conversions Part 2

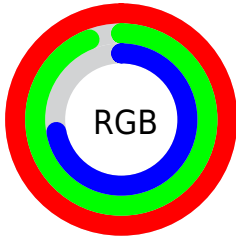
Format	Color
R _Y B	204, 255, 183
Decimal	16773047
CIE Lab	94.49, -2.87, 29.09
CIE LCh	94, 29.235, 95.643
Yxy	86.4119, 0.3596, 0.3853
Android (android.graphics.Color)	4294963127 (0xFFFFE7B7)
YUV	237.4000, -26.8192, 15.4352
Hunter-Lab	92.9580, -7.8035, 28.5697

Details

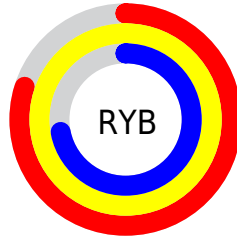
The XYZ color **80.6537, 86.4119, 57.2280** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.0014, 58.1324, 102.7714**, and the grayscale version is **80.9919, 85.2097, 92.7934**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **44.2515, 47.4844, 27.9522** is the 20% darker color. If you saturate the color by 10%, you get **76.6046, 82.1831, 43.9490**, and if you desaturate by 10%, it is **85.2400, 90.9448, 73.0604**.

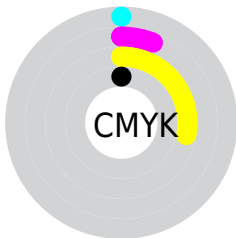
Distribution



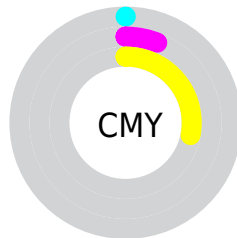
- Red (100%)
- Green (94%)
- Blue (72%)



- 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 80.6537, 86.4119, 57.2280 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 80.6537, 86.4119, 57.2280 by changing the saturation by 10% instead.


 80.6537, 86.4119,
57.2280

 80.6537, 86.4119,
57.2280


485.8362,
516.2884, 431.8208

 60.5667, 65.0086,
40.7777


 133.2301,
142.3441, 102.3014

 44.1268, 47.4681,
27.8271


166.4503,
177.6419, 131.7617

 30.9686, 33.4058,
17.9574

204.7789,
218.3400, 166.3957

 20.7266, 22.4375,
10.7503

248.5813,
264.8227, 206.6220

 13.0356, 14.1787,
5.7871

298.2229,
317.4745, 252.8591

 7.5303, 8.2451,
2.6494

354.0690,

 3.8451, 4.2522,

376.6798, 305.5255

0.9178

416.4850,
442.8230, 365.0399

■ 1.6149, 1.8156,
0.0000

■ 0.4021, 0.4969,
0.0000

■ 80.6537, 86.4119,
57.2280

■ 80.6537, 86.4119,
57.2280

■ 76.6046, 82.1831,
43.9490

■ 85.2400, 90.9448,
73.0604

■ 73.0597, 78.2355,
33.0809

■ 90.3816, 95.7806,
91.5674

■ 69.9924, 74.5605,
24.4756

95.0500, 100.0000,
108.9000

■ 67.3705, 71.1445,
17.9665

■ 65.1575, 67.9722,
13.3636

■ 63.3103, 65.0256,
10.4428

■ 61.7698, 62.2802,
8.8949

■ 61.5152, 61.8105,
8.6884

Harmonies

Analogous

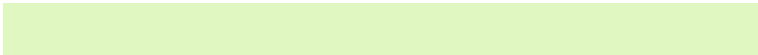
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5294, 86.4119, 59.8854



80.6537, 86.4119, 57.2280



73.6294, 86.4119, 63.0925

Triad

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



80.6537, 86.4119, 57.2280



70.4429, 86.4119, 121.6553



96.6960, 86.4119, 113.1082

Complementary

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



80.6537, 86.4119, 57.2280



58.0014, 58.1324, 102.7714

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.



91.2650, 86.4119, 133.8643



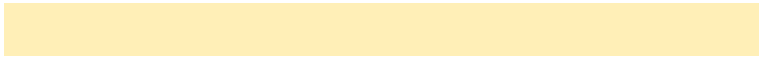
80.6537, 86.4119, 57.2280



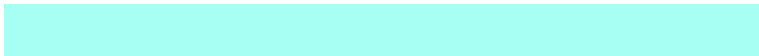
76.0504, 86.4119, 139.3247

Square

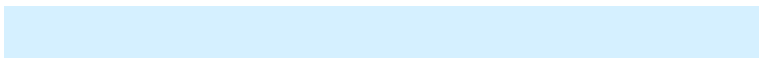
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6537, 86.4119, 57.2280



67.9805, 86.4119, 98.4116



83.6281, 86.4119, 144.1151



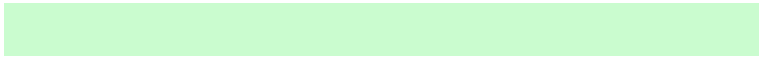
98.1224, 86.4119, 89.8927

Rectangle

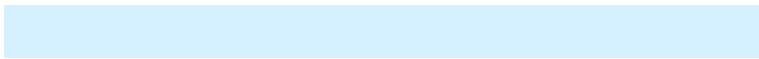
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.6537, 86.4119, 57.2280



70.2674, 86.4119, 71.6973



83.6281, 86.4119, 144.1151



95.2620, 86.4119, 120.7132

Sweetspot

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



80.6559, 86.4158, 57.2298



90.5090, 95.8977, 92.0344



68.5761, 59.2887, 62.3516



19.1988, 20.3658, 19.0634



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

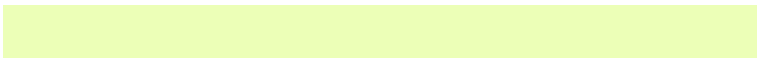
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6559, 86.4158, 57.2298



78.2567, 83.9400, 49.2700



78.8334, 92.7377, 58.5461



19.1988, 20.3658, 19.0634



32.2592, 32.5297, 4.5786



3.2212, 3.3278, 0.4726

Inverse Universe

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



58.0014, 58.1324, 102.7714



52.1516, 51.3563, 101.7718



59.3956, 53.6725, 101.8371



17.3302, 18.0320, 22.8171



10.2767, 5.4631, 49.9474



1.0775, 0.6858, 4.8888

Previews

White Background



This preview shows how the XYZ color 80.6537, 86.4119, 57.2280 looks on a white background.

Color Contrast Check

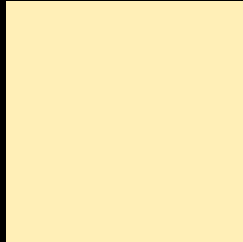
Large Text (above 18pt) WCAG AA × Fail

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 80.6537, 86.4119, 57.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

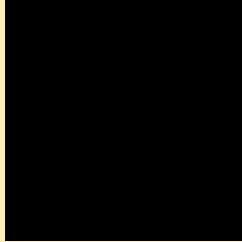
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.6537, 86.4119, 57.2280

Background



This preview shows how black text looks on a background with the XYZ color 80.6537, 86.4119, 57.2280.



This preview shows how white text looks on a background with the XYZ color 80.6537, 86.4119,

57.2280.

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

80.6537, 86.4119, 57.2280

Protanopia

80.8635, 86.4958, 58.3323

Deuteranopia

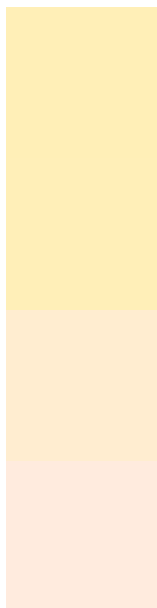
84.4203, 86.5248, 81.3588



Tritanopia

86.8603, 86.1304, 98.4330

Trichromacy



Original Color

80.6537, 86.4119, 57.2280

Protanomaly

80.7582, 86.4537, 57.7782

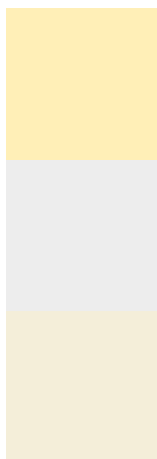
Deuteranomaly

82.9094, 86.3824, 71.9782

Tritanomaly

84.1331, 85.9506, 81.2631

Monochromacy



Original Color

80.6537, 86.4119, 57.2280

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.4071, 85.3919, 77.8900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6537, 86.4119, 57.2280 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, 239, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 183)  
}
```

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, 239, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 183) }
```

Border

The CSS property to change the border of an element to XYZ 80.6537, 86.4119, 57.2280 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, 239, 183) }
```


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

```
.border{ border-color:rgb(255, 239, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 239, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6537, 86.4119, 57.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 183) }
```

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

```
.background{ background-color: rgb(255,  
239, 183) }
```

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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