

Converting Colors

XYZ(105.8524, 100.0000,
60.6791)

Have a look what the booklet for
XYZ(105.8524, 100.0000, 60.6791)
contains.

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Color

**XYZ(81.3697, 87.1680,
59.5502)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0BB
RGB	255, 240, 187
RGB Percent	100%, 94%, 73%
CMY	0.0000, 0.0588, 0.2667
CMYK	0.00, 0.06, 0.27, 0.00
HSL	47°, 100%, 87%
HSV	47°, 27%, 100%
XYZ	81.3697, 87.1680, 59.5502
YIQ	238.4430, 25.9530, -13.3030

Conversions

Conversions Part 2

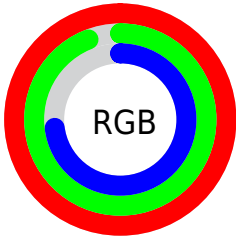
Format	Color
R _Y B	206, 255, 187
Decimal	16773307
CIE Lab	94.81, -2.86, 27.49
CIE LCh	95, 27.642, 95.945
Yxy	87.1680, 0.3567, 0.3822
Android (android.graphics.Color)	4294963387 (0xFFFFF0BB)
YUV	238.4430, -25.3614, 14.5205
Hunter-Lab	93.3638, -7.8179, 27.5377

Details

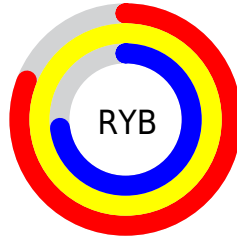
The XYZ color **81.3697, 87.1680, 59.5502** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.6636, 60.0241, 103.0490**, and the grayscale version is **81.7896, 86.0491, 93.7074**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **44.6628, 47.9802, 29.0974** is the 20% darker color. If you saturate the color by 10%, you get **77.2496, 82.9153, 45.8836**, and if you desaturate by 10%, it is **86.0302, 91.7250, 75.7904**.

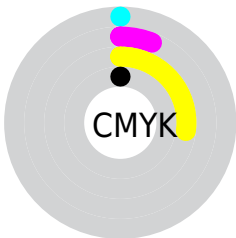
Distribution



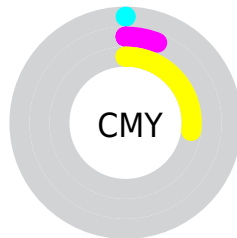
- Red (100%)
- Green (94%)
- Blue (73%)



- Red (81%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3697, 87.1680, 59.5502 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 81.3697, 87.1680, 59.5502 by changing the saturation by 10% instead.


 81.3697, 87.1680,
59.5502

 81.3697, 87.1680,
59.5502


488.2034,
518.7748, 440.6964

 61.1585, 65.6342,
42.6333


 134.2302,
143.3983, 105.7139

 44.6061, 47.9756,
29.2682


167.6102,
178.8636, 135.7977

 31.3472, 33.8075,
19.0365


206.1104,
219.7415, 171.1075

 21.0165, 22.7458,
11.5196

250.0963,
266.4165, 212.0620

 13.2486, 14.4059,
6.2989

299.9332,
319.2730, 259.0795

 7.6781, 8.4035,
2.9560

355.9865,

 3.9398, 4.3542,

378.6952, 312.5788

1.0722

418.6214,
445.0677, 372.9782

■ 1.6681, 1.8736,
0.0000

■ 0.4362, 0.5324,
0.0000

■ 81.3697, 87.1680,
59.5502

■ 81.3697, 87.1680,
59.5502

■ 77.2496, 82.9153,
45.8836

■ 86.0302, 91.7250,
75.7904

■ 73.6373, 78.9440,
34.6500

■ 91.2489, 96.5851,
94.7240

■ 70.5065, 75.2459,
25.7034

95.0500, 100.0000,
108.9000

■ 67.8257, 71.8077,
18.8802

■ 65.5591, 68.6142,
13.9948

■ 63.6650, 65.6481,
10.8294

■ 62.0910, 62.8875,
9.1101

■ 61.6110, 62.0021,
8.7203

Harmonies

Analogous

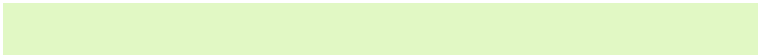
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8533, 87.1680, 62.0440



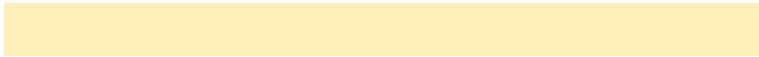
81.3697, 87.1680, 59.5502



74.6904, 87.1680, 65.3135

Triad

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



81.3697, 87.1680, 59.5502



71.7422, 87.1680, 121.2053



96.6922, 87.1680, 112.7132

Complementary

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



81.3697, 87.1680, 59.5502



59.6636, 60.0241, 103.0490

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.



91.5844, 87.1680, 132.3219



81.3697, 87.1680, 59.5502



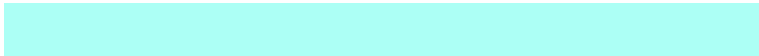
77.1244, 87.1680, 137.7183

Square

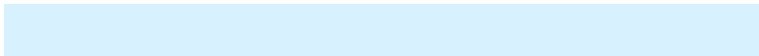
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3697, 87.1680, 59.5502



69.3512, 87.1680, 99.2420



84.3493, 87.1680, 142.0649



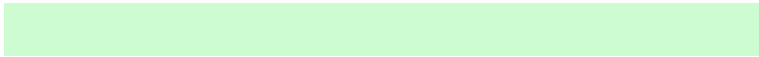
97.9970, 87.1680, 90.7081

Rectangle

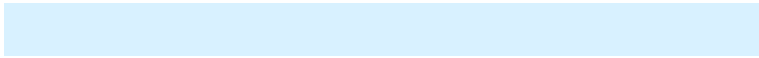
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3697, 87.1680, 59.5502



71.4954, 87.1680, 73.6603



84.3493, 87.1680, 142.0649



95.3486, 87.1680, 119.9002

Sweetspot

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



81.3718, 87.1719, 59.5520



90.5194, 95.9185, 92.0379



69.7746, 61.1071, 64.5350



19.2015, 20.3711, 19.0643



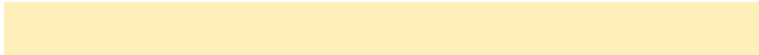
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

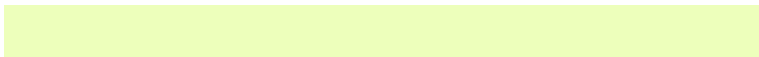
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3718, 87.1719, 59.5520



79.1078, 84.8651, 51.9496



79.6106, 93.0896, 60.7871



19.2015, 20.3711, 19.0643



32.3088, 32.6287, 4.5951



3.2257, 3.3367, 0.4740

Inverse Universe

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



59.6636, 60.0241, 103.0490



54.0888, 53.5831, 102.0995



61.0349, 55.7599, 102.1536



17.3277, 18.0271, 22.8163



10.2656, 5.4407, 49.9437



1.0761, 0.6829, 4.8884

Previews

White Background



This preview shows how the XYZ color 81.3697, 87.1680, 59.5502 looks on a white background.

Color Contrast Check

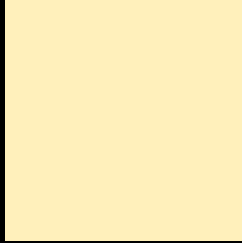
Large Text (above 18pt) WCAG AA × Fail

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 81.3697, 87.1680, 59.5502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

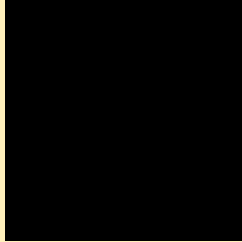
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3697, 87.1680, 59.5502

Background



This preview shows how black text looks on a background with the XYZ color 81.3697, 87.1680, 59.5502.



This preview shows how white text looks on a background with the XYZ color 81.3697, 87.1680,

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

81.3697, 87.1680, 59.5502

Protanopia

81.8041, 87.3418, 61.8373

Deuteranopia

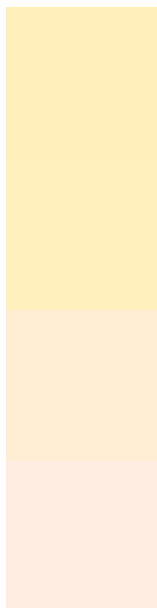
84.9787, 87.2102, 82.8754



Tritanopia

87.5829, 87.3305, 99.4291

Trichromacy



Original Color

81.3697, 87.1680, 59.5502

Protanomaly

81.6944, 87.2979, 61.2596

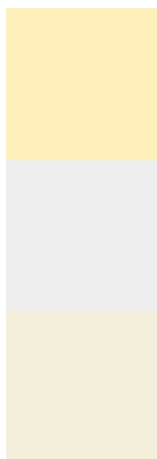
Deuteranomaly

83.5724, 87.1122, 74.0376

Tritanomaly

85.1148, 87.2646, 83.5919

Monochromacy



Original Color

81.3697, 87.1680, 59.5502

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.9609, 86.0806, 79.3659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3697, 87.1680, 59.5502 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 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, 240, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 187) }
```

Border

The CSS property to change the border of an element to XYZ 81.3697, 87.1680, 59.5502 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, 187) }
```


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

```
.border{ border-color:rgb(255, 240, 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, 240, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 240, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 240, 187); box-shadow:4px 4px 4px 4px rgb(255, 240, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3697, 87.1680, 59.5502 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, 187) }
```

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

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