

Converting Colors

XYZ(169.1397, 137.9770,
75.5333)

Have a look what the booklet for
XYZ(169.1397, 137.9770, 75.5333)
contains.

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Color

**XYZ(87.3847, 95.9183,
71.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDCD
RGB	255, 253, 205
RGB Percent	100%, 99%, 80%
CMY	0.0000, 0.0078, 0.1961
CMYK	0.00, 0.01, 0.20, 0.00
HSL	58°, 100%, 90%
HSV	58°, 20%, 100%
XYZ	87.3847, 95.9183, 71.6660
YIQ	248.1260, 16.6000, -14.5040

Conversions

Conversions Part 2

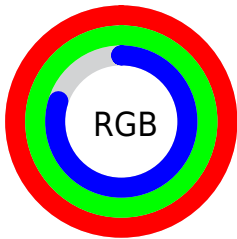
Format	Color
R _Y B	207, 255, 205
Decimal	16776653
CIE Lab	98.40, -6.92, 23.27
CIE LCh	98, 24.275, 106.555
Yxy	95.9183, 0.3427, 0.3762
Android (android.graphics.Color)	4294966733 (0xFFFFDCCD)
YUV	248.1260, -21.2611, 6.0285
Hunter-Lab	97.9379, -12.1254, 25.1711

Details

The XYZ color **87.3847, 95.9183, 71.6660** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.5392, 64.8230, 103.6655**, and the grayscale version is **89.4871, 94.1474, 102.5265**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6145, 53.7200, 37.0849** is the 20% darker color. If you saturate the color by 10%, you get **84.2347, 94.1493, 56.6475**, and if you desaturate by 10%, it is **91.0427, 97.8997, 89.3312**.

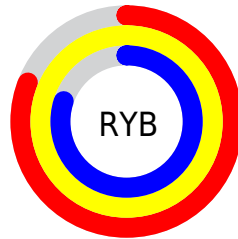
Distribution



Red (100%)

Green (99%)

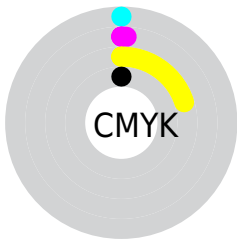
Blue (80%)



Red (81%)

Yellow (100%)

Blue (80%)

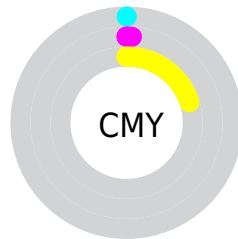


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.3847, 95.9183, 71.6660 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 87.3847, 95.9183, 71.6660 by changing the saturation by 10% instead.


 87.3847, 95.9183,
71.6660

 87.3847, 95.9183,
71.6660


507.8518,
547.1007, 485.3245

 66.1427, 72.8995,
52.4007


142.5971,
155.5327, 123.2848

 48.6564, 53.8938,
36.9401


177.2983,
192.8970, 156.4755

 34.5604, 38.5168,
24.8657


217.2166,
235.8120, 195.1450

 23.4894, 26.3840,
15.7589

262.7173,
284.6621, 239.7119

 15.0779, 17.1111,
9.2012

314.1658,
339.8316, 290.5948

 8.9608, 10.3138,
4.7741

371.9275,

 4.7725, 5.6075,

401.7049, 348.2121

2.0589

436.3677,
470.6665, 412.9825

■ 2.1478, 2.6079,
0.5911

■ 0.7150, 0.9306,
0.0000

■ 87.3847, 95.9183,
71.6660

■ 87.3847, 95.9183,
71.6660

■ 84.2347, 94.1493,
56.6475

■ 91.0427, 97.8997,
89.3312

■ 81.5616, 92.5705,
44.1419

95.0500, 100.0000,
108.9000

■ 79.3413, 91.1756,
34.0127

■ 77.5451, 89.9530,
26.1081

■ 76.1409, 88.8900,
20.2589

■ 75.0917, 87.9717,
16.2715

■ 74.3540, 87.1807,
13.9156

■ 73.8591, 86.4895,
12.8301

■ 73.8416, 86.4631,
12.7972

Harmonies

Analogous

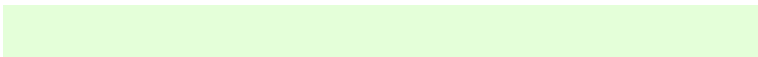
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3340, 95.9183, 71.2455



87.3847, 95.9183, 71.6660



81.7374, 95.9183, 80.1033

Triad

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



87.3847, 95.9183, 71.6660



82.2187, 95.9183, 135.0105



104.8995, 95.9183, 113.6635

Complementary

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



87.3847, 95.9183, 71.6660



65.5392, 64.8230, 103.6655

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.



101.2963, 95.9183, 133.2623



87.3847, 95.9183, 71.6660



88.0726, 95.9183, 146.6100

Square

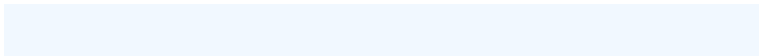
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3847, 95.9183, 71.6660



78.8610, 95.9183, 115.8155



95.0579, 95.9183, 145.9321



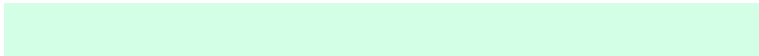
104.6920, 95.9183, 93.8325

Rectangle

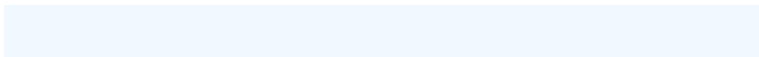
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3847, 95.9183, 71.6660



79.3645, 95.9183, 89.8357



95.0579, 95.9183, 145.9321



104.0862, 95.9183, 120.5442

Sweetspot

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



87.3870, 95.9224, 71.6680



92.4893, 98.6648, 96.3741



74.3958, 69.4532, 68.8385



19.7394, 21.0882, 20.3493



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

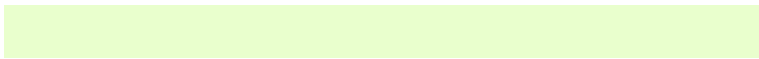
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3870, 95.9224, 71.6680



85.9416, 95.1189, 64.7514



80.2213, 93.1676, 71.5140



19.4955, 20.9591, 19.1623



38.6113, 45.2337, 6.6960



3.7780, 4.4414, 0.6581

Inverse Universe

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



65.5392, 64.8230, 103.6655



60.0410, 58.2513, 102.6869



71.7187, 67.2962, 103.8172



17.0611, 17.4938, 22.7274



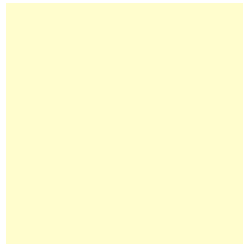
9.5143, 3.9382, 49.6933



0.9459, 0.4225, 4.8450

Previews

White Background



This preview shows how the XYZ color 87.3847, 95.9183, 71.6660 looks on a white background.

Color Contrast Check

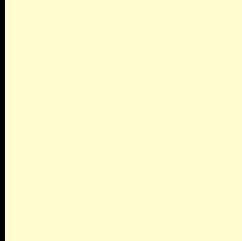
Large Text (above 18pt) WCAG AA × Fail

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 87.3847, 95.9183, 71.6660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

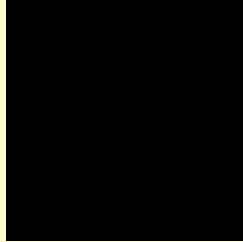
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.3847, 95.9183, 71.6660

Background



This preview shows how black text looks on a background with the XYZ color 87.3847, 95.9183, 71.6660.



This preview shows how white text looks on a background with the XYZ color 87.3847, 95.9183,

71.6660.

Color Blindness Simulation

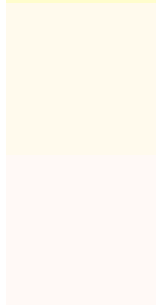
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.3847, 95.9183, 71.6660



Protanopia

90.7117, 95.7456, 93.8205

Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

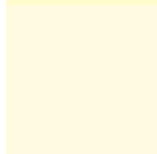
93.1657, 96.2314, 108.2719

Trichromacy



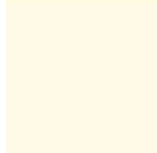
Original Color

87.3847, 95.9183, 71.6660



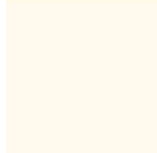
Protanomaly

89.3278, 95.6906, 84.9962



Deuteranomaly

89.8494, 95.4007, 89.2799



Tritanomaly

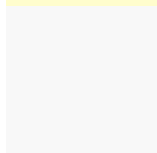
90.7117, 95.7456, 93.8205

Monochromacy



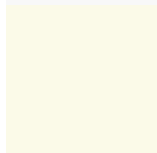
Original Color

87.3847, 95.9183, 71.6660



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.5348, 94.7066, 89.9579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3847, 95.9183, 71.6660 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, 253, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 205)  
}
```

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, 253, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 205) }
```

Border

The CSS property to change the border of an element to XYZ 87.3847, 95.9183, 71.6660 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, 253, 205) }
```


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

```
.border{ border-color:rgb(255, 253, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3847, 95.9183, 71.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 205) }
```

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

```
.background{ background-color: rgb(255,  
253, 205) }
```

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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