

Converting Colors

XYZ(162.9340, 135.8083,
63.8546)

Have a look what the booklet for
XYZ(162.9340, 135.8083, 63.8546)
contains.

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Color

**XYZ(85.5447, 95.6888,
60.4155)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFEBA
RGB	255, 254, 186
RGB Percent	100%, 100%, 73%
CMY	0.0000, 0.0039, 0.2706
CMYK	0.00, 0.00, 0.27, 0.00
HSL	59°, 100%, 86%
HSV	59°, 27%, 100%
XYZ	85.5447, 95.6888, 60.4155
YIQ	246.5470, 22.4240, -20.9360

Conversions

Conversions Part 2

Format	Color
R_{YB}	187, 255, 186
Decimal	16776890
CIE _{Lab}	98.31, -9.96, 32.74
CIE _{LCh}	98, 34.219, 106.921
Yxy	95.6888, 0.3540, 0.3960
Android (android.graphics.Color)	4294966970 (0xFFFFFEBA)
YUV	246.5470, -29.8497, 7.4133
Hunter-Lab	97.8207, -15.0869, 31.8561

Details

The XYZ color **85.5447, 95.6888, 60.4155** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.0697, 53.1983, 101.9208**, and the grayscale version is **88.2642, 92.8608, 101.1254**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **47.4198, 53.6042, 29.6772** is the 20% darker color. If you saturate the color by 10%, you get **82.9567, 94.4707, 47.3510**, and if you desaturate by 10%, it is **88.6215, 97.1094, 76.0319**.

Distribution



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



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.5447, 95.6888, 60.4155 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 85.5447, 95.6888, 60.4155 by changing the saturation by 10% instead.


 85.5447, 95.6888,
60.4155

 85.5447, 95.6888,
60.4155


501.8853,
546.3678, 443.9747

 64.6156, 72.7084,
43.3261


 140.0441,
155.2159, 106.9814

 47.4130, 53.7376,
29.8078


174.3450,
192.5313, 137.2951

 33.5715, 38.3919,
19.4419


213.8339,
235.3939, 172.8539

 22.7260, 26.2870,
11.8100

258.8761,
284.1880, 214.0765

 14.5109, 17.0385,
6.4935

309.8370,
339.2981, 261.3813

 8.5609, 10.2619,
3.0738

367.0819,

 4.5107, 5.5730,

401.1085, 315.1869

1.1324

430.9762,
470.0035, 375.9119

■ 1.9949, 2.5872,
0.0000

■ 0.6311, 0.9202,
0.0000

■ 85.5447, 95.6888,
60.4155

■ 85.5447, 95.6888,
60.4155

■ 82.9567, 94.4707,
47.3510

■ 88.6215, 97.1094,
76.0319

■ 80.8246, 93.4319,
36.6968

■ 92.2038, 98.7293,
94.3196

■ 79.1228, 92.5656,
28.3069

95.0500, 100.0000,
108.9000

■ 77.8199, 91.8593,
22.0171

■ 76.8806, 91.2988,
17.6407

■ 76.2633, 90.8674,
14.9587

■ 75.9148, 90.5438,
13.6910

■ 75.8399, 90.4598,
13.4633

Harmonies

Analogous

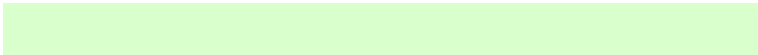
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3052, 95.6888, 59.7630



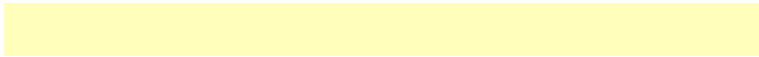
85.5447, 95.6888, 60.4155



77.7986, 95.6888, 71.3442

Triad

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



85.5447, 95.6888, 60.4155



78.6110, 95.6888, 149.0679



110.6841, 95.6888, 116.9584

Complementary

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



85.5447, 95.6888, 60.4155



56.0697, 53.1983, 101.9208

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.



105.5043, 95.6888, 145.8247



85.5447, 95.6888, 60.4155



86.7283, 95.6888, 166.4951

Square

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



85.5447, 95.6888, 60.4155



73.9982, 95.6888, 120.7961



96.5769, 95.6888, 165.2111



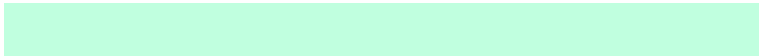
110.3096, 95.6888, 89.1780

Rectangle

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



85.5447, 95.6888, 60.4155



74.6066, 95.6888, 84.3303



96.5769, 95.6888, 165.2111



109.5198, 95.6888, 126.9431

Sweetspot

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



85.5471, 95.6931, 60.4175



91.8440, 98.5678, 92.4794



67.7854, 59.9732, 55.1026



19.5375, 21.0432, 19.1763



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

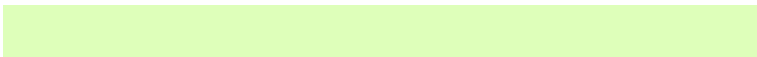
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5471, 95.6931, 60.4175



84.2079, 95.0653, 53.6496



74.6406, 90.5398, 59.9977



19.5375, 21.0432, 19.1763



39.6382, 47.2877, 7.0383



3.8664, 4.6181, 0.6876

Inverse Universe

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



56.0697, 53.1983, 101.9208



50.6195, 46.6446, 100.9431



64.9286, 57.4534, 102.2753



17.0240, 17.4196, 22.7150



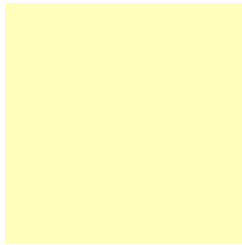
9.4614, 3.8324, 49.6756



0.9283, 0.3873, 4.8391

Previews

White Background



This preview shows how the XYZ color 85.5447, 95.6888, 60.4155 looks on a white background.

Color Contrast Check

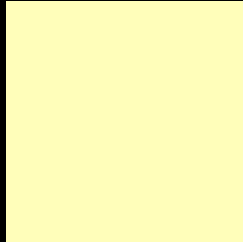
Large Text (above 18pt) WCAG AA × Fail

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 85.5447, 95.6888, 60.4155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

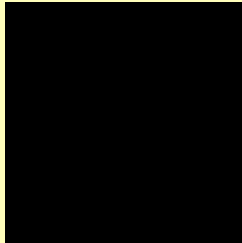
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.5447, 95.6888, 60.4155

Background



This preview shows how black text looks on a background with the XYZ color 85.5447, 95.6888, 60.4155.

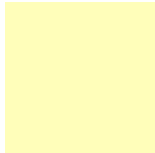


This preview shows how white text looks on a background with the XYZ color 85.5447, 95.6888,

Color Blindness Simulation

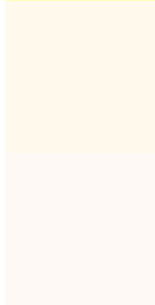
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.5447, 95.6888, 60.4155



Protanopia

90.4210, 95.6294, 92.2899

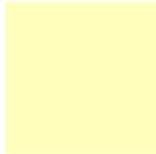
Deuteranopia

91.5971, 95.6039, 100.0119

Tritanopia

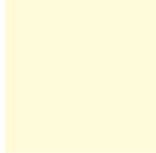
92.6968, 95.5506, 107.3234

Trichromacy



Original Color

85.5447, 95.6888, 60.4155



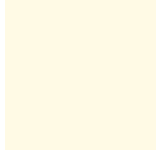
Protanomaly

88.2616, 95.2641, 79.3816



Deuteranomaly

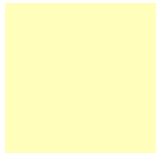
89.1917, 95.6362, 84.2797



Tritanomaly

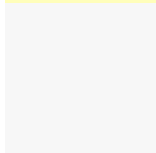
89.5685, 95.2884, 87.8005

Monochromacy



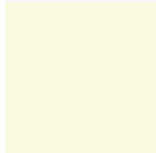
Original Color

85.5447, 95.6888, 60.4155



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.2006, 94.1315, 84.8074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5447, 95.6888, 60.4155 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, 254, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 186)  
}
```

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, 254, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 186) }
```

Border

The CSS property to change the border of an element to XYZ 85.5447, 95.6888, 60.4155 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, 254, 186) }
```


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

```
.border{ border-color:rgb(255, 254, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5447, 95.6888, 60.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 186) }
```

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

```
.background{ background-color: rgb(255,  
254, 186) }
```

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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