

Converting Colors

XYZ(93.8333, 100.0000,
62.6904)

Have a look what the booklet for
XYZ(93.8333, 100.0000, 62.6904)
contains.

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Color

**XYZ(85.8671, 95.8177,
62.1131)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFEBD
RGB	255, 254, 189
RGB Percent	100%, 100%, 74%
CMY	0.0000, 0.0039, 0.2588
CMYK	0.00, 0.00, 0.26, 0.00
HSL	59°, 100%, 87%
HSV	59°, 26%, 100%
XYZ	85.8671, 95.8177, 62.1131
YIQ	246.8890, 21.4610, -20.0030

Conversions

Conversions Part 2

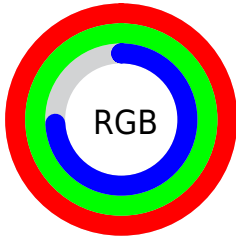
Format	Color
RYB	190, 255, 189
Decimal	16776893
CIELab	98.36, -9.58, 31.30
CIELCh	98, 32.733, 107.009
Yxy	95.8177, 0.3522, 0.3930
Android (android.graphics.Color)	4294966973 (0xFFFFFEBD)
YUV	246.8890, -28.5393, 7.1133
Hunter-Lab	97.8865, -14.7193, 30.8986

Details

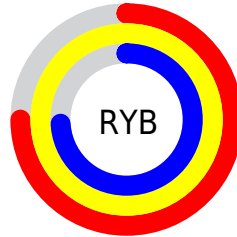
The XYZ color **85.8671, 95.8177, 62.1131** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.4494, 54.8643, 102.1697**, and the grayscale version is **88.5323, 93.1429, 101.4326**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **47.6281, 53.6875, 30.7741** is the 20% darker color. If you saturate the color by 10%, you get **83.2181, 94.5666, 48.7539**, and if you desaturate by 10%, it is **89.0077, 97.2724, 78.0394**.

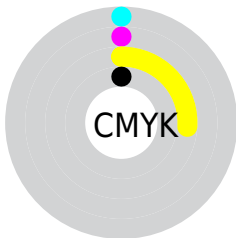
Distribution



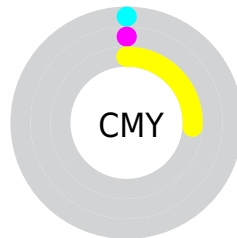
- Red (100%)
- Green (100%)
- Blue (74%)



- Red (75%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8671, 95.8177, 62.1131 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 85.8671, 95.8177, 62.1131 by changing the saturation by 10% instead.


 85.8671, 95.8177,
62.1131

 85.8671, 95.8177,
62.1131


502.9334,
546.7795, 450.3626

 64.8830, 72.8157,
44.6877

 140.4918,
155.3938, 109.4622

 47.6305, 53.8253,
30.8704


174.8631,
192.7367, 140.2229

 33.7444, 38.4620,
20.2425


214.4275,
235.6288, 176.2659

 22.8593, 26.3415,
12.3856

259.5503,
284.4543, 218.0096

 14.6098, 17.0793,
6.8812

310.5970,
339.5978, 265.8725

 8.6305, 10.2910,
3.3106

367.9328,

 4.5561, 5.5923,

401.4435, 320.2733

1.2553

431.9232,
470.3759, 381.6305

■ 2.0213, 2.5988,
0.0247

■ 0.6459, 0.9261,
0.0000

■ 85.8671, 95.8177,
62.1131

■ 85.8671, 95.8177,
62.1131

■ 83.2181, 94.5666,
48.7539

■ 89.0077, 97.2724,
78.0394

■ 81.0283, 93.4964,
37.8216

■ 92.6565, 98.9274,
96.6513

■ 79.2721, 92.5999,
29.1718

95.0500, 100.0000,
108.9000

■ 77.9188, 91.8651,
22.6423

■ 76.9336, 91.2778,
18.0497

■ 76.2757, 90.8218,
15.1795

■ 75.8945, 90.4769,
13.7654

■ 75.7875, 90.3550,
13.4458

Harmonies

Analogous

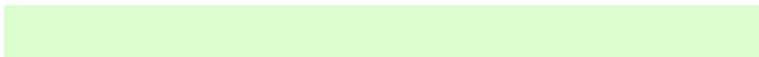
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2114, 95.8177, 61.4481



85.8671, 95.8177, 62.1131



78.4353, 95.8177, 72.7585

Triad

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



85.8671, 95.8177, 62.1131



79.2524, 95.8177, 147.1373



109.9187, 95.8177, 116.4506

Complementary

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



85.8671, 95.8177, 62.1131



57.4494, 54.8643, 102.1697

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.



104.9975, 95.8177, 143.9211



85.8671, 95.8177, 62.1131



87.0541, 95.8177, 163.5900

Square

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



85.8671, 95.8177, 62.1131



74.8011, 95.8177, 120.2786



96.4828, 95.8177, 162.3205



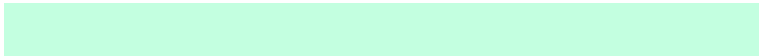
109.5459, 95.8177, 89.8560

Rectangle

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



85.8671, 95.8177, 62.1131



75.3705, 95.8177, 85.3223



96.4828, 95.8177, 162.3205



108.8151, 95.8177, 125.9679

Sweetspot

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



85.8694, 95.8219, 62.1151



91.8398, 98.5593, 92.4780



68.7435, 61.3784, 56.9979



19.5364, 21.0410, 19.1760



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

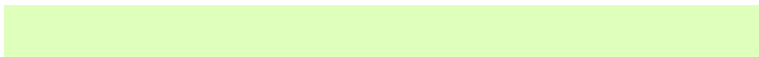
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8694, 95.8219, 62.1151



84.4530, 95.1556, 54.9641



75.4082, 90.8983, 61.7161



19.5364, 21.0410, 19.1760



39.6113, 47.2339, 7.0293



3.8640, 4.6134, 0.6868

Inverse Universe

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



57.4494, 54.8643, 102.1697



51.6930, 47.9439, 101.1373



66.0368, 58.9728, 102.5101



17.0250, 17.4215, 22.7153



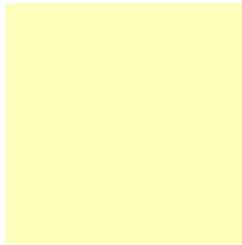
9.4628, 3.8351, 49.6761



0.9287, 0.3882, 4.8392

Previews

White Background



This preview shows how the XYZ color 85.8671, 95.8177, 62.1131 looks on a white background.

Color Contrast Check

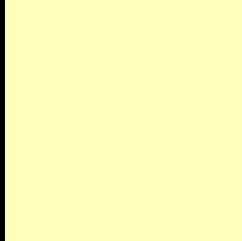
Large Text (above 18pt) WCAG AA × Fail

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 85.8671, 95.8177, 62.1131 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 85.8671, 95.8177, 62.1131

Background



This preview shows how black text looks on a background with the XYZ color 85.8671, 95.8177, 62.1131.



This preview shows how white text looks on a background with the XYZ color 85.8671, 95.8177,

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

85.8671, 95.8177, 62.1131



Protanopia

90.5659, 95.6873, 93.0530

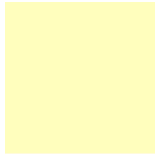
Deuteranopia

91.5971, 95.6039, 100.0119

Tritanopia

92.8574, 95.6148, 108.1691

Trichromacy



Original Color

85.8671, 95.8177, 62.1131



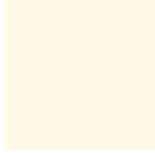
Protanomaly

88.5234, 95.3688, 80.7602



Deuteranomaly

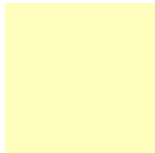
89.3278, 95.6906, 84.9962



Tritanomaly

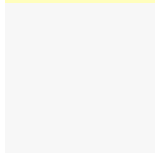
89.8494, 95.4007, 89.2799

Monochromacy



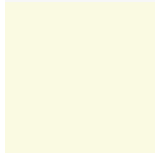
Original Color

85.8671, 95.8177, 62.1131



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.3374, 94.1862, 85.5281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8671, 95.8177, 62.1131 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 189) }
```

Border

The CSS property to change the border of an element to XYZ 85.8671, 95.8177, 62.1131 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, 189) }
```


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

```
.border{ border-color:rgb(255, 254, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8671, 95.8177, 62.1131 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
254, 189) }
```

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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