

Converting Colors

XYZ(94.1844, 100.0000,
62.8804)

Have a look what the booklet for
XYZ(94.1844, 100.0000, 62.8804)
contains.

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Color

**XYZ(85.9761, 95.8613,
62.6869)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFEBE
RGB	255, 254, 190
RGB Percent	100%, 100%, 75%
CMY	0.0000, 0.0039, 0.2549
CMYK	0.00, 0.00, 0.25, 0.00
HSL	59°, 100%, 87%
HSV	59°, 25%, 100%
XYZ	85.9761, 95.8613, 62.6869
YIQ	247.0030, 21.1400, -19.6920

Conversions

Conversions Part 2

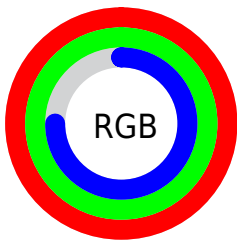
Format	Color
R _Y B	191, 255, 190
Decimal	16776894
CIE Lab	98.38, -9.45, 30.82
CIE LCh	98, 32.236, 107.038
Yxy	95.8613, 0.3516, 0.3920
Android (android.graphics.Color)	4294966974 (0xFFFFFEBE)
YUV	247.0030, -28.1025, 7.0134
Hunter-Lab	97.9088, -14.5952, 30.5752

Details

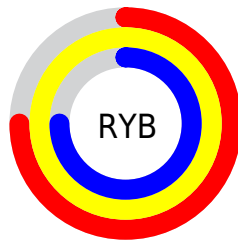
The XYZ color **85.9761, 95.8613, 62.6869** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.9157, 55.4273, 102.2538**, and the grayscale version is **88.6218, 93.2371, 101.5351**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **47.6989, 53.7158, 31.1467** is the 20% darker color. If you saturate the color by 10%, you get **83.3066, 94.5990, 49.2290**, and if you desaturate by 10%, it is **89.1381, 97.3275, 78.7170**.

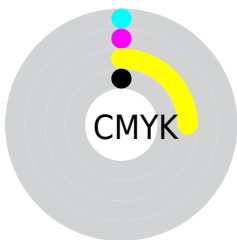
Distribution



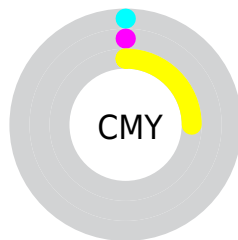
- Red (100%)
- Green (100%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9761, 95.8613, 62.6869 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 85.9761, 95.8613, 62.6869 by changing the saturation by 10% instead.


 85.9761, 95.8613,
62.6869

 85.9761, 95.8613,
62.6869


503.2876,
546.9187, 452.5089

 64.9734, 72.8520,
45.1486


 140.6431,
155.4540, 110.2989

 47.7041, 53.8550,
31.2307


175.0382,
192.8062, 141.2096

 33.8029, 38.4857,
20.5146


214.6281,
235.7082, 177.4150

 22.9044, 26.3599,
12.5819

259.7782,
284.5444, 219.3334

 14.6432, 17.0931,
7.0140

310.8538,
339.6991, 267.3835

 8.6541, 10.3009,
3.3922

368.2204,

 4.5715, 5.5989,

401.5568, 321.9837

1.2982

432.2431,
470.5019, 383.5527

■ 2.0303, 2.6028,
0.0603

■ 0.6509, 0.9281,
0.0000

■ 85.9761, 95.8613,
62.6869

■ 85.9761, 95.8613,
62.6869

■ 83.3066, 94.5990,
49.2290

■ 89.1381, 97.3275,
78.7170

■ 81.0973, 93.5180,
38.2035

■ 92.8093, 98.9946,
97.4373

■ 79.3228, 92.6113,
29.4665

95.0500, 100.0000,
108.9000

■ 77.9525, 91.8666,
22.8565

■ 76.9518, 91.2702,
18.1912

■ 76.2801, 90.8058,
15.2573

■ 75.8874, 90.4533,
13.7916

■ 75.7690, 90.3180,
13.4397

Harmonies

Analogous

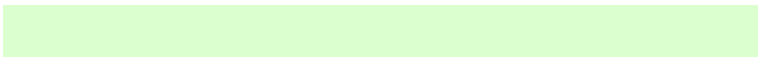
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1814, 95.8613, 62.0186



85.9761, 95.8613, 62.6869



78.6496, 95.8613, 73.2341

Triad

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



85.9761, 95.8613, 62.6869



79.4673, 95.8613, 146.4953



109.6643, 95.8613, 116.2843

Complementary

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



85.9761, 95.8613, 62.6869



57.9157, 55.4273, 102.2538

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.



104.8287, 95.8613, 143.2919



85.9761, 95.8613, 62.6869



87.1628, 95.8613, 162.6277

Square

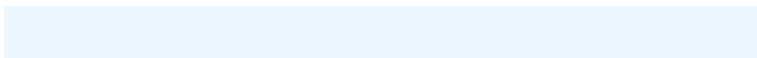
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9761, 95.8613, 62.6869



75.0708, 95.8613, 120.1045



96.4511, 95.8613, 161.3646



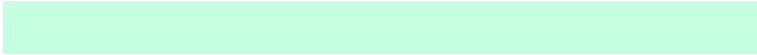
109.2924, 95.8613, 90.0855

Rectangle

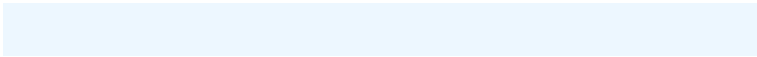
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9761, 95.8613, 62.6869



75.6274, 95.8613, 85.6540



96.4511, 95.8613, 161.3646



108.5808, 95.8613, 125.6463

Sweetspot

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



85.9784, 95.8655, 62.6889



91.8382, 98.5563, 92.4775



69.0674, 61.8533, 57.6383



19.5360, 21.0402, 19.1758



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

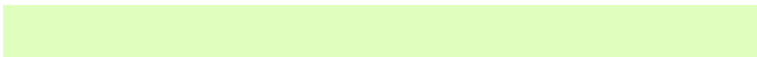
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9784, 95.8655, 62.6889



84.4472, 95.1440, 54.9621



75.6664, 91.0188, 62.2969



19.5360, 21.0402, 19.1758



39.6018, 47.2149, 7.0261



3.8632, 4.6118, 0.6866

Inverse Universe

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



57.9157, 55.4273, 102.2538



51.6966, 47.9512, 101.1385



66.4102, 59.4858, 102.5895



17.0253, 17.4222, 22.7154



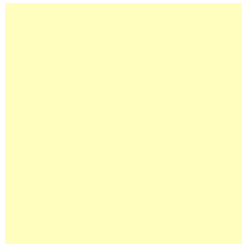
9.4632, 3.8361, 49.6763



0.9289, 0.3885, 4.8393

Previews

White Background



This preview shows how the XYZ color 85.9761, 95.8613, 62.6869 looks on a white background.

Color Contrast Check

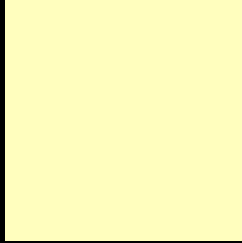
Large Text (above 18pt) WCAG AA × Fail

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 85.9761, 95.8613, 62.6869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

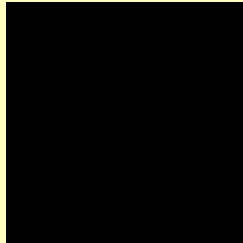
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9761, 95.8613, 62.6869

Background



This preview shows how black text looks on a background with the XYZ color 85.9761, 95.8613, 62.6869.

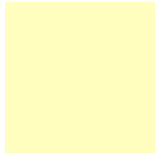


This preview shows how white text looks on a background with the XYZ color 85.9761, 95.8613,

Color Blindness Simulation

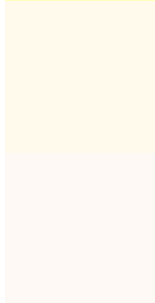
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.9761, 95.8613, 62.6869



Protanopia

90.5659, 95.6873, 93.0530

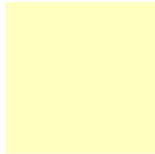
Deuteranopia

91.5971, 95.6039, 100.0119

Tritanopia

92.8574, 95.6148, 108.1691

Trichromacy



Original Color

85.9761, 95.8613, 62.6869



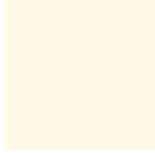
Protanomaly

88.5234, 95.3688, 80.7602



Deuteranomaly

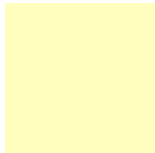
89.3278, 95.6906, 84.9962



Tritanomaly

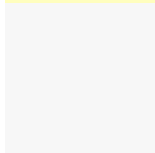
89.8494, 95.4007, 89.2799

Monochromacy



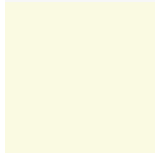
Original Color

85.9761, 95.8613, 62.6869



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 85.9761, 95.8613, 62.6869 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 190) }
```

Border

The CSS property to change the border of an element to XYZ 85.9761, 95.8613, 62.6869 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, 190) }
```


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

```
.border{ border-color:rgb(255, 254, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9761, 95.8613, 62.6869 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
254, 190) }
```

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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