

Converting Colors

XYZ(111.3560, 143.1582,
82.9245)

Have a look what the booklet for
XYZ(111.3560, 143.1582, 82.9245)
contains.

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Color

**XYZ(88.2659, 97.2440,
75.0906)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFD2
RGB	254, 255, 210
RGB Percent	100%, 100%, 82%
CMY	0.0039, 0.0000, 0.1765
CMYK	0.00, 0.00, 0.18, 0.00
HSL	61°, 100%, 91%
HSV	61°, 18%, 100%
XYZ	88.2659, 97.2440, 75.0906
YIQ	249.5710, 13.8490, -14.2070

Conversions

Conversions Part 2

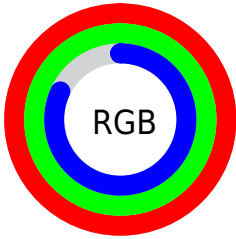
Format	Color
R _Y B	210, 255, 211
Decimal	16711634
CIE Lab	98.92, -7.55, 21.44
CIE LCh	99, 22.735, 109.393
Yxy	97.2440, 0.3387, 0.3732
Android (android.graphics.Color)	4294901714 (0xFFFEFFD2)
YUV	249.5710, -19.5085, 3.8842
Hunter-Lab	98.6124, -12.8000, 23.8810

Details

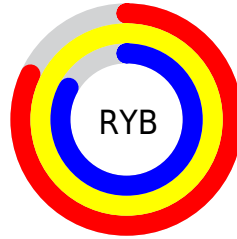
The XYZ color **88.2659, 97.2440, 75.0906** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.9615, 67.1633, 103.9896**, and the grayscale version is **90.6593, 95.3806, 103.8695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1364, 54.6250, 38.9643** is the 20% darker color. If you saturate the color by 10%, you get **85.1308, 95.9661, 59.6603**, and if you desaturate by 10%, it is **91.9089, 98.7252, 93.1899**.

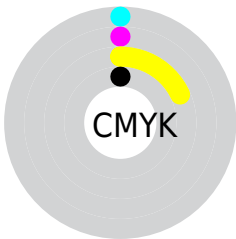
Distribution



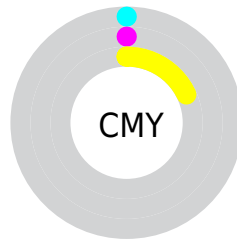
- Red (100%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.2659, 97.2440, 75.0906 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 88.2659, 97.2440, 75.0906 by changing the saturation by 10% instead.


 88.2659, 97.2440,
75.0906

 88.2659, 97.2440,
75.0906


510.6960,
551.3242, 497.4926

 66.8748, 74.0041,
55.1849


143.8179,
157.3612, 128.1889

 49.2532, 54.7974,
39.1502


178.7096,
195.0072, 162.2186

 35.0358, 39.2395,
26.5679


218.8321,
238.2240, 201.7934

 23.8571, 26.9461,
17.0194

264.5510,
287.3961, 247.3318

 15.3518, 17.5327,
10.0862

316.2314,
342.9077, 299.2524

 9.1546, 10.6151,
5.3498

374.2388,

 4.9001, 5.8086,

405.1434, 357.9737

2.3916

438.9386,
474.4874, 423.9143

■ 2.2229, 2.7291,
0.7819

■ 0.7548, 0.9920,
0.0000

■ 88.2659, 97.2440,
75.0906

■ 88.2659, 97.2440,
75.0906

■ 85.1308, 95.9661,
59.6603

■ 91.9089, 98.7252,
93.1899

■ 82.4782, 94.8812,
46.7687

95.0500, 100.0000,
108.9000

■ 80.2827, 93.9792,
36.2811

■ 78.5160, 93.2488,
28.0485

■ 77.1468, 92.6775,
21.9057

■ 76.1393, 92.2510,
17.6644

■ 75.4515, 91.9524,
15.1032

■ 75.0277, 91.7594,
13.9293

■ 74.9472, 91.7217,
13.7539

Harmonies

Analogous

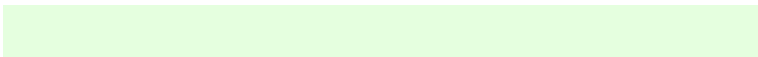
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7897, 97.2440, 73.9471



88.2659, 97.2440, 75.0906



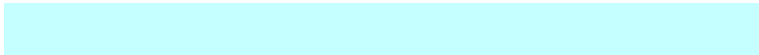
83.0988, 97.2440, 83.8883

Triad

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



88.2659, 97.2440, 75.0906



84.3897, 97.2440, 136.0321



105.5087, 97.2440, 112.7332

Complementary

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



88.2659, 97.2440, 75.0906



67.9615, 67.1633, 103.9896

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.



102.4295, 97.2440, 131.4189



88.2659, 97.2440, 75.0906



90.1049, 97.2440, 145.8973

Square

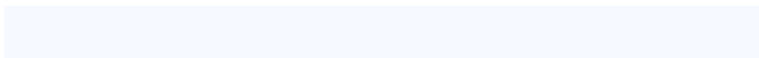
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



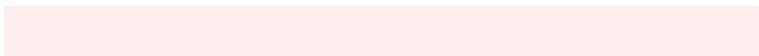
88.2659, 97.2440, 75.0906



80.9359, 97.2440, 118.4511



96.7179, 97.2440, 144.1150



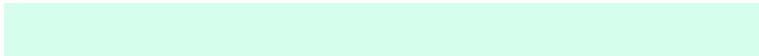
104.9585, 97.2440, 94.2354

Rectangle

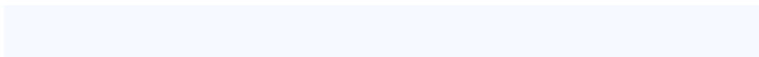
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.2659, 97.2440, 75.0906



81.0202, 97.2440, 93.5661



96.7179, 97.2440, 144.1150



104.8582, 97.2440, 119.2342

Sweetspot

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



88.2664, 97.2442, 75.0920



92.9605, 99.1522, 98.4401



76.1058, 72.3787, 70.9334



19.8368, 21.1981, 20.7677



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

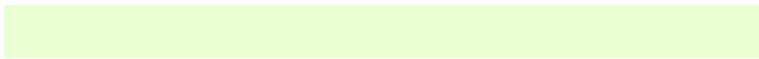
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2664, 97.2442, 75.0920



87.1595, 96.7934, 69.6255



80.5911, 93.2874, 74.7328



19.5190, 21.0690, 19.1823



39.1796, 47.9359, 7.1876



3.8270, 4.6736, 0.7004

Inverse Universe

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



67.9615, 67.1633, 103.9896



63.5722, 61.8493, 103.1952



74.7834, 70.6801, 104.3089



17.0403, 17.3970, 22.7098



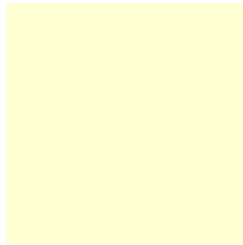
9.4847, 3.8000, 49.6682



0.9360, 0.3765, 4.8366

Previews

White Background



This preview shows how the XYZ color 88.2659, 97.2440, 75.0906 looks on a white background.

Color Contrast Check

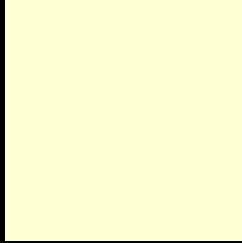
Large Text (above 18pt) WCAG AA × Fail

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 88.2659, 97.2440, 75.0906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

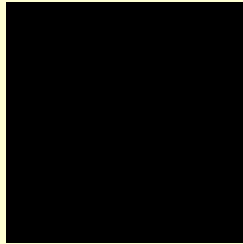
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.2659, 97.2440, 75.0906

Background



This preview shows how black text looks on a background with the XYZ color 88.2659, 97.2440, 75.0906.



This preview shows how white text looks on a background with the XYZ color 88.2659, 97.2440,

75.0906.

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

88.2659, 97.2440, 75.0906

Protanopia

92.2281, 97.3519, 98.7239

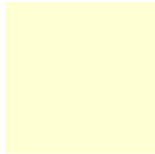
Deuteranopia

92.8361, 97.0939, 103.4705

Tritanopia

93.4202, 97.2852, 108.4619

Trichromacy



Original Color

88.2659, 97.2440, 75.0906



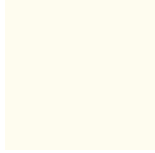
Protanomaly

90.7891, 97.2801, 89.5931



Deuteranomaly

91.0458, 96.8790, 92.4981



Tritanomaly

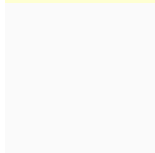
91.2634, 96.9236, 95.5594

Monochromacy



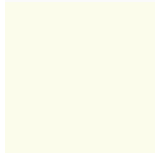
Original Color

88.2659, 97.2440, 75.0906



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

89.5895, 96.1282, 92.4300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2659, 97.2440, 75.0906 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(254, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 210)  
}
```

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(254, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 88.2659, 97.2440, 75.0906 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(254, 255, 210) }
```


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

```
.border{ border-color:rgb(254, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2659, 97.2440, 75.0906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 210) }
```

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

```
.background{ background-color: rgb(254,  
255, 210) }
```

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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