

Converting Colors

XYZ(87.1299, 95.1077, 72.5088)

Have a look what the booklet for
XYZ(87.1299, 95.1077, 72.5088)
contains.

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Color

**XYZ(87.3129, 95.3858,
72.8409)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCCF
RGB	255, 252, 207
RGB Percent	100%, 99%, 81%
CMY	0.0000, 0.0117, 0.1882
CMYK	0.00, 0.01, 0.19, 0.00
HSL	56°, 100%, 91%
HSV	56°, 19%, 100%
XYZ	87.3129, 95.3858, 72.8409
YIQ	247.7670, 16.2330, -13.3590

Conversions

Conversions Part 2

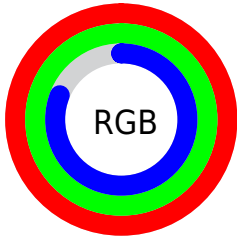
Format	Color
R_{YB}	210, 255, 207
Decimal	16776399
CIE Lab	98.19, -6.14, 21.96
CIE LCh	98, 22.798, 105.612
Yxy	95.3858, 0.3417, 0.3733
Android (android.graphics.Color)	4294966479 (0xFFFFFCCF)
YUV	247.7670, -20.0981, 6.3433
Hunter-Lab	97.6657, -11.3363, 24.1463

Details

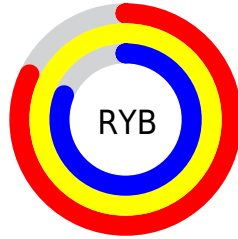
The XYZ color **87.3129, 95.3858, 72.8409** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.8283, 66.5768, 103.9361**, and the grayscale version is **89.1845, 93.8290, 102.1798**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5536, 53.3359, 37.8728** is the 20% darker color. If you saturate the color by 10%, you get **83.9471, 93.2468, 57.5606**, and if you desaturate by 10%, it is **91.1909, 97.7427, 90.7784**.

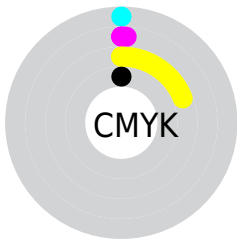
Distribution



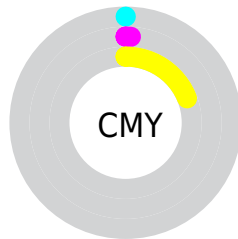
- Red (100%)
- Green (99%)
- Blue (81%)



- Red (82%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.3129, 95.3858, 72.8409 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 87.3129, 95.3858, 72.8409 by changing the saturation by 10% instead.

 87.3129, 95.3858,
72.8409

 87.3129, 95.3858,
72.8409


507.6196,
545.3993, 489.5192

 66.0831, 72.4561,
53.3548


142.4976,
154.7975, 124.9701

 48.6078, 53.5314,
37.6965


177.1832,
192.0483, 158.4504

 34.5217, 38.2271,
25.4472


217.0848,
234.8416, 197.4325

 23.4595, 26.1590,
16.1885

262.5677,
283.5618, 242.3350

 15.0557, 16.9426,
9.5018

313.9973,
338.5933, 293.5763

 8.9451, 10.1936,
4.9687

371.7389,

 4.7622, 5.5275,

400.3204, 351.5751

2.1705

436.1579,
469.1276, 416.7499

■ 2.1417, 2.5600,
0.6573

■ 0.7118, 0.9066,
0.0000

■ 87.3129, 95.3858,
72.8409

■ 87.3129, 95.3858,
72.8409

■ 83.9471, 93.2468,
57.5606

■ 91.1909, 97.7427,
90.7784

■ 81.0627, 91.3039,
44.8044

95.0500, 100.0000,
108.9000

■ 78.6357, 89.5506,
34.4367

■ 76.6377, 87.9755,
26.3069

■ 75.0366, 86.5658,
20.2473

■ 73.7962, 85.3070,
16.0667

■ 72.8735, 84.1819,
13.5383

■ 72.2058, 83.1653,
12.3331

■ 72.1345, 83.0490,
12.2282

Harmonies

Analogous

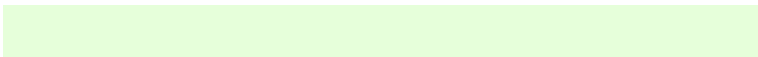
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8280, 95.3858, 72.6835



87.3129, 95.3858, 72.8409



81.9530, 95.3858, 80.6093

Triad

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



87.3129, 95.3858, 72.8409



82.1311, 95.3858, 131.8355



103.4203, 95.3858, 113.0848

Complementary

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



87.3129, 95.3858, 72.8409



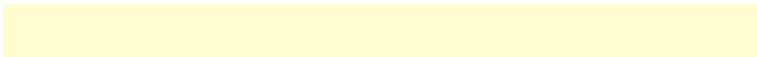
66.8283, 66.5768, 103.9361

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.



99.9657, 95.3858, 131.1974



87.3129, 95.3858, 72.8409



87.5668, 95.3858, 142.8747

Square

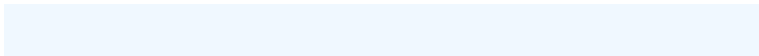
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3129, 95.3858, 72.8409



79.0611, 95.3858, 113.8749



94.0943, 95.3858, 142.6280



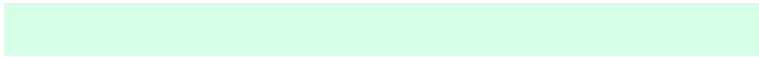
103.3442, 95.3858, 94.4482

Rectangle

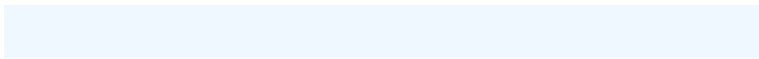
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3129, 95.3858, 72.8409



79.6644, 95.3858, 89.6619



94.0943, 95.3858, 142.6280



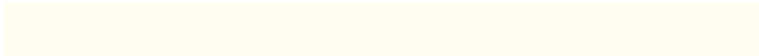
102.6264, 95.3858, 119.4807

Sweetspot

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



87.3151, 95.3899, 72.8429



92.3800, 98.4461, 96.3377



75.2114, 70.5499, 70.7582



19.7134, 21.0363, 20.3407



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.



87.3151, 95.3899, 72.8429



85.8478, 94.4697, 66.1435



81.0204, 93.5515, 72.8198



19.4585, 20.8852, 19.1500



37.7334, 43.4781, 6.4034



3.7022, 4.2897, 0.6329

Inverse Universe

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



66.8283, 66.5768, 103.9361



61.5622, 60.3150, 103.0050



72.2952, 68.3081, 103.9822



17.0939, 17.5595, 22.7383



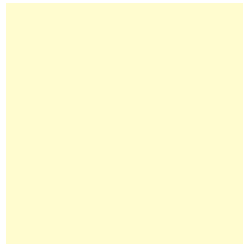
9.5621, 4.0338, 49.7092



0.9615, 0.4536, 4.8502

Previews

White Background



This preview shows how the XYZ color 87.3129, 95.3858, 72.8409 looks on a white background.

Color Contrast Check

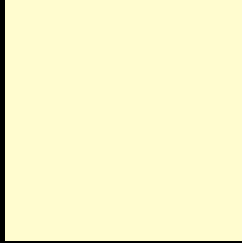
Large Text (above 18pt) WCAG AA × Fail

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 87.3129, 95.3858, 72.8409 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 87.3129, 95.3858, 72.8409

Background



This preview shows how black text looks on a background with the XYZ color 87.3129, 95.3858, 72.8409.



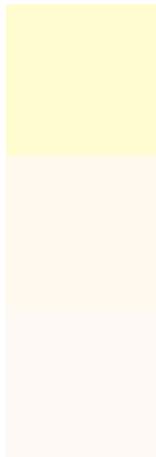
This preview shows how white text looks on a background with the XYZ color 87.3129, 95.3858,

72.8409.

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

87.3129, 95.3858, 72.8409

Protanopia

90.4210, 95.6294, 92.2899

Deuteranopia

91.5971, 95.6039, 100.0119

Tritanopia

92.8574, 95.6148, 108.1691

Trichromacy



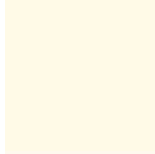
Original Color

87.3129, 95.3858, 72.8409



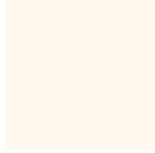
Protanomaly

89.3278, 95.6906, 84.9962



Deuteranomaly

89.8494, 95.4007, 89.2799



Tritanomaly

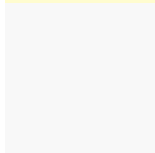
90.5483, 95.1844, 94.4889

Monochromacy



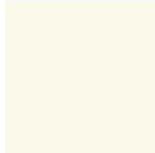
Original Color

87.3129, 95.3858, 72.8409



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.3673, 94.1438, 90.6049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3129, 95.3858, 72.8409 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, 252, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 207)  
}
```

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, 252, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 207) }
```

Border

The CSS property to change the border of an element to XYZ 87.3129, 95.3858, 72.8409 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, 252, 207) }
```


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

```
.border{ border-color:rgb(255, 252, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3129, 95.3858, 72.8409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 207) }
```

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

```
.background{ background-color: rgb(255,  
252, 207) }
```

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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