

Converting Colors

XYZ(95.1729, 100.0000,
72.6115)

Have a look what the booklet for
XYZ(95.1729, 100.0000, 72.6115)
contains.

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Color

**XYZ(87.5059, 95.9668,
72.3039)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDCE
RGB	255, 253, 206
RGB Percent	100%, 99%, 81%
CMY	0.0000, 0.0078, 0.1921
CMYK	0.00, 0.01, 0.19, 0.00
HSL	58°, 100%, 90%
HSV	58°, 19%, 100%
XYZ	87.5059, 95.9668, 72.3039
YIQ	248.2400, 16.2790, -14.1930

Conversions

Conversions Part 2

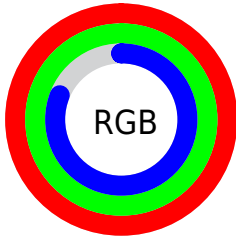
Format	Color
R_{YB}	208, 255, 206
Decimal	16776654
CIE _{Lab}	98.42, -6.78, 22.79
CIE _{LCh}	98, 23.773, 106.558
Yxy	95.9668, 0.3421, 0.3752
Android (android.graphics.Color)	4294966734 (0xFFFFFDCE)
YUV	248.2400, -20.8243, 5.9285
Hunter-Lab	97.9626, -11.9881, 24.8133

Details

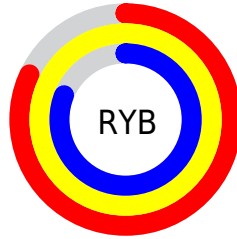
The XYZ color **87.5059, 95.9668, 72.3039** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.0590, 65.4518, 103.7595**, and the grayscale version is **89.5772, 94.2421, 102.6297**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6961, 53.7526, 37.5145** is the 20% darker color. If you saturate the color by 10%, you get **84.3301, 94.1770, 57.1820**, and if you desaturate by 10%, it is **91.1906, 97.9694, 90.0774**.

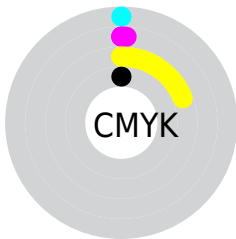
Distribution



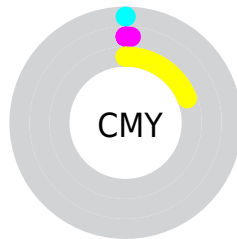
- Red (100%)
- Green (99%)
- Blue (81%)



- 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 87.5059, 95.9668, 72.3039 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 87.5059, 95.9668, 72.3039 by changing the saturation by 10% instead.


 87.5059, 95.9668,
72.3039

 87.5059, 95.9668,
72.3039


508.2435,
547.2555, 487.6046

 66.2434, 72.9399,
52.9186


142.7651,
155.5996, 124.2002

 48.7384, 53.9268,
37.3505


177.4925,
192.9743, 157.5484

 34.6257, 38.5432,
25.1811


217.4389,
235.9004, 196.3879

 23.5399, 26.4045,
15.9918

262.9697,
284.7622, 241.1372

 15.1155, 17.1265,
9.3640

314.4502,
339.9443, 292.2151

 8.9873, 10.3247,
4.8793

372.2457,

 4.7900, 5.6148,

401.8309, 350.0399

2.1191

436.7217,
470.8065, 415.0302

■ 2.1580, 2.6123,
0.6271

■ 0.7205, 0.9329,
0.0000

■ 87.5059, 95.9668,
72.3039

■ 87.5059, 95.9668,
72.3039

■ 84.3301, 94.1770,
57.1820

■ 91.1906, 97.9694,
90.0774

■ 81.6323, 92.5780,
44.5781

95.0500, 100.0000,
108.9000

■ 79.3885, 91.1635,
34.3564

■ 77.5700, 89.9220,
26.3656

■ 76.1449, 88.8406,
20.4372

■ 75.0765, 87.9047,
16.3788

■ 74.3215, 87.0971,
13.9619

■ 73.8145, 86.3914,
12.8423

■ 73.7789, 86.3378,
12.7763

Harmonies

Analogous

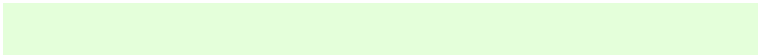
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3142, 95.9668, 71.8887



87.5059, 95.9668, 72.3039



81.9678, 95.9668, 80.6093

Triad

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



87.5059, 95.9668, 72.3039



82.4411, 95.9668, 134.3893



104.6532, 95.9668, 113.5210

Complementary

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



87.5059, 95.9668, 72.3039



66.0590, 65.4518, 103.7595

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.



101.1297, 95.9668, 132.6784



87.5059, 95.9668, 72.3039



88.1817, 95.9668, 145.7068

Square

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



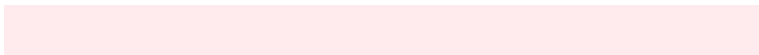
87.5059, 95.9668, 72.3039



79.1456, 95.9668, 115.6312



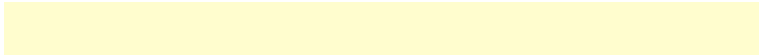
95.0245, 95.9668, 145.0441



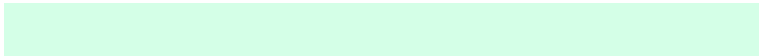
104.4499, 95.9668, 94.0913

Rectangle

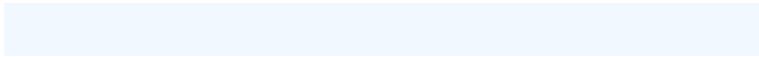
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5059, 95.9668, 72.3039



79.6394, 95.9668, 90.1727



95.0245, 95.9668, 145.0441



103.8581, 95.9668, 120.2512

Sweetspot

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



87.5081, 95.9709, 72.3059



92.4854, 98.6569, 96.3728



74.7527, 69.9800, 69.5341



19.7384, 21.0864, 20.3490



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

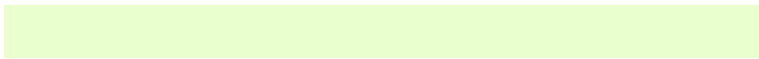
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5081, 95.9709, 72.3059



86.2471, 95.2683, 66.2766



80.4891, 93.2917, 72.1587



19.4941, 20.9565, 19.1619



38.5790, 45.1693, 6.6852



3.7752, 4.4358, 0.6572

Inverse Universe

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



66.0590, 65.4518, 103.7595



61.2689, 59.7284, 102.9073



72.1330, 67.8660, 103.9054



17.0623, 17.4961, 22.7278



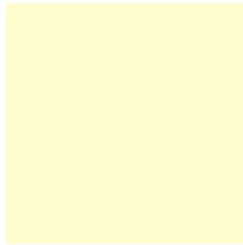
9.5160, 3.9415, 49.6938



0.9465, 0.4236, 4.8452

Previews

White Background



This preview shows how the XYZ color 87.5059, 95.9668, 72.3039 looks on a white background.

Color Contrast Check

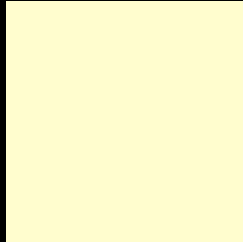
Large Text (above 18pt) WCAG AA × Fail

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 87.5059, 95.9668, 72.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

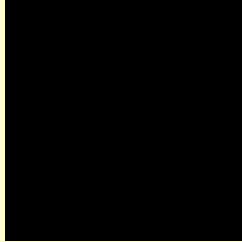
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.5059, 95.9668, 72.3039

Background



This preview shows how black text looks on a background with the XYZ color 87.5059, 95.9668, 72.3039.



This preview shows how white text looks on a background with the XYZ color 87.5059, 95.9668,

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

87.5059, 95.9668, 72.3039



Protanopia

90.8582, 95.8043, 94.5922

Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

93.1657, 96.2314, 108.2719

Trichromacy



Original Color

87.5059, 95.9668, 72.3039

Protanomaly

89.4646, 95.7453, 85.7169

Deuteranomaly

89.8494, 95.4007, 89.2799

Tritanomaly

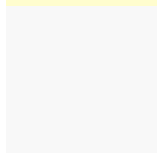
90.7117, 95.7456, 93.8205

Monochromacy



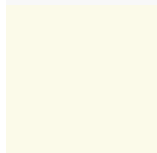
Original Color

87.5059, 95.9668, 72.3039



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.6772, 94.7636, 90.7082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5059, 95.9668, 72.3039 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, 253, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 206)  
}
```

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, 253, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 206) }
```

Border

The CSS property to change the border of an element to XYZ 87.5059, 95.9668, 72.3039 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, 253, 206) }
```


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

```
.border{ border-color:rgb(255, 253, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 253, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5059, 95.9668, 72.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 206) }
```

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

```
.background{ background-color: rgb(255,  
253, 206) }
```

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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