

Converting Colors

XYZ(94.8216, 100.0000,
69.9608)

Have a look what the booklet for
XYZ(94.8216, 100.0000, 69.9608)
contains.

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Color

**XYZ(87.0259, 95.7748,
69.7767)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDCA
RGB	255, 253, 202
RGB Percent	100%, 99%, 79%
CMY	0.0000, 0.0078, 0.2078
CMYK	0.00, 0.01, 0.21, 0.00
HSL	58°, 100%, 90%
HSV	58°, 21%, 100%
XYZ	87.0259, 95.7748, 69.7767
YIQ	247.7840, 17.5630, -15.4370

Conversions

Conversions Part 2

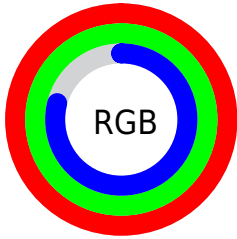
Format	Color
R _Y B	204, 255, 202
Decimal	16776650
CIE Lab	98.34, -7.34, 24.71
CIE LCh	98, 25.778, 106.536
Yxy	95.7748, 0.3446, 0.3792
Android (android.graphics.Color)	4294966730 (0xFFFFDCA)
YUV	247.7840, -22.5715, 6.3284
Hunter-Lab	97.8646, -12.5323, 26.2319

Details

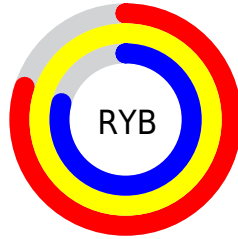
The XYZ color **87.0259, 95.7748, 69.7767** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.9995, 62.9605, 103.3872**, and the grayscale version is **89.2172, 93.8634, 102.2173**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3739, 53.6237, 35.8178** is the 20% darker color. If you saturate the color by 10%, you get **83.9515, 94.0649, 55.0669**, and if you desaturate by 10%, it is **90.6055, 97.6956, 87.1186**.

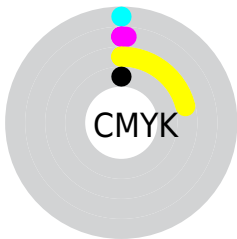
Distribution



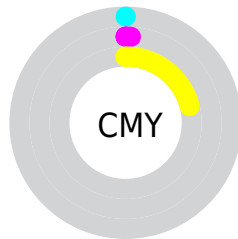
- Red (100%)
- Green (99%)
- Blue (79%)



- Red (80%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.0259, 95.7748, 69.7767 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 87.0259, 95.7748, 69.7767 by changing the saturation by 10% instead.


 87.0259, 95.7748,
69.7767

 87.0259, 95.7748,
69.7767


506.6912,
546.6425, 478.5335

 65.8447, 72.7800,
50.8688


142.0997,
155.3346, 120.5684

 48.4136, 53.7961,
35.7282


176.7231,
192.6684, 153.2893

 34.3672, 38.4387,
23.9363


216.5579,
235.5506, 191.4516

 23.3400, 26.3233,
15.0746

261.9695,
284.3657, 235.4739

 14.9669, 17.0657,
8.7246

313.3233,
339.4980, 285.7747

 8.8823, 10.2813,
4.4676

370.9846,

 4.7210, 5.5859,

401.3320, 342.7725

1.8852

435.3188,
470.2520, 406.8859

■ 2.1176, 2.5949,
0.4833

■ 0.6987, 0.9241,
0.0000

■ 87.0259, 95.7748,
69.7767

■ 87.0259, 95.7748,
69.7767

■ 83.9515, 94.0649,
55.0669

■ 90.6055, 97.6956,
87.1186

■ 81.3507, 92.5438,
42.8541

94.7060, 99.8240,
107.2067

■ 79.1995, 91.2048,
33.0007

95.0500, 100.0000,
108.9000

■ 77.4685, 90.0363,
25.3529

■ 76.1251, 89.0254,
19.7390

■ 75.1320, 88.1570,
15.9621

■ 74.4443, 87.4131,
13.7860

■ 74.0159, 86.8118,
12.8553

Harmonies

Analogous

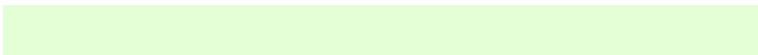
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3976, 95.7748, 69.3434



87.0259, 95.7748, 69.7767



81.0523, 95.7748, 78.5971

Triad

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



87.0259, 95.7748, 69.7767



81.5544, 95.7748, 136.8807



105.6410, 95.7748, 114.1004

Complementary

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



87.0259, 95.7748, 69.7767



63.9995, 62.9605, 103.3872

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.



101.7969, 95.7748, 135.0304



87.0259, 95.7748, 69.7767



87.7456, 95.7748, 149.3398

Square

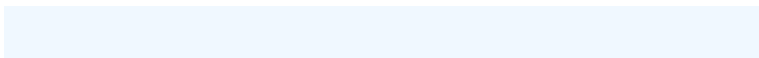
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



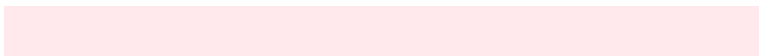
87.0259, 95.7748, 69.7767



78.0130, 95.7748, 116.3641



95.1573, 95.7748, 148.6200



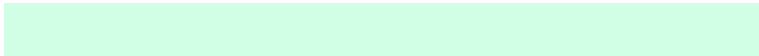
105.4223, 95.7748, 93.0674

Rectangle

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



87.0259, 95.7748, 69.7767



78.5469, 95.7748, 88.8272



95.1573, 95.7748, 148.6200



104.7726, 95.7748, 121.4339

Sweetspot

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



87.0282, 95.7790, 69.7787



92.5003, 98.6868, 96.3778



73.3385, 67.8930, 66.7769



19.7420, 21.0934, 20.3502



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

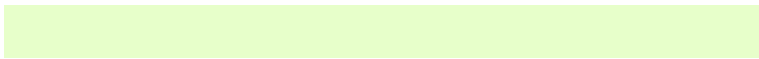
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0282, 95.7790, 69.7787



85.6713, 95.0321, 63.2623



79.4247, 92.7984, 69.6042



19.4992, 20.9666, 19.1636



38.7009, 45.4130, 6.7258



3.7857, 4.4568, 0.6607

Inverse Universe

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



63.9995, 62.9605, 103.3872



58.8123, 56.7559, 102.4630



70.4884, 65.6067, 103.5560



17.0578, 17.4872, 22.7263



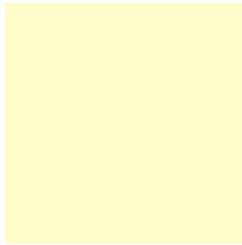
9.5096, 3.9288, 49.6917



0.9443, 0.4194, 4.8444

Previews

White Background



This preview shows how the XYZ color 87.0259, 95.7748, 69.7767 looks on a white background.

Color Contrast Check

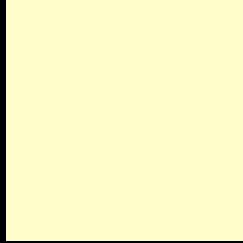
Large Text (above 18pt) WCAG AA × Fail

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 87.0259, 95.7748, 69.7767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

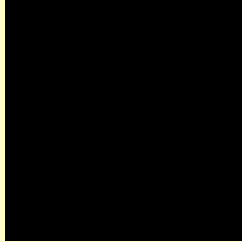
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.0259, 95.7748, 69.7767

Background



This preview shows how black text looks on a background with the XYZ color 87.0259, 95.7748, 69.7767.



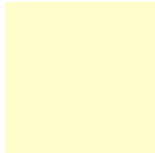
This preview shows how white text looks on a background with the XYZ color 87.0259, 95.7748,

69.7767.

Color Blindness Simulation

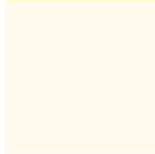
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



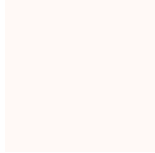
Original Color

87.0259, 95.7748, 69.7767



Protanopia

90.5659, 95.6873, 93.0530



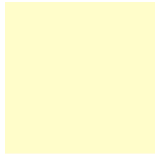
Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

92.8574, 95.6148, 108.1691

Trichromacy



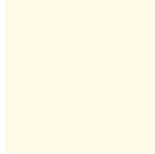
Original Color

87.0259, 95.7748, 69.7767



Protanomaly

89.1917, 95.6362, 84.2797



Deuteranomaly

89.7085, 95.3444, 88.5381



Tritanomaly

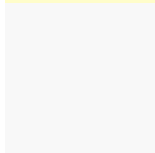
90.5659, 95.6873, 93.0530

Monochromacy



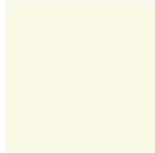
Original Color

87.0259, 95.7748, 69.7767



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.3931, 94.6500, 89.2118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0259, 95.7748, 69.7767 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 202) }
```

Border

The CSS property to change the border of an element to XYZ 87.0259, 95.7748, 69.7767 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, 202) }
```


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

```
.border{ border-color:rgb(255, 253, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0259, 95.7748, 69.7767 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
253, 202) }
```

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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