

Converting Colors

XYZ(87.2793, 94.9494, 73.9679)

Have a look what the booklet for
XYZ(87.2793, 94.9494, 73.9679)
contains.

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Color

**XYZ(87.2458, 94.8578,
74.0326)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBD1
RGB	255, 251, 209
RGB Percent	100%, 98%, 82%
CMY	0.0000, 0.0157, 0.1804
CMYK	0.00, 0.02, 0.18, 0.00
HSL	55°, 100%, 91%
HSV	55°, 18%, 100%
XYZ	87.2458, 94.8578, 74.0326
YIQ	247.4080, 15.8660, -12.2140

Conversions

Conversions Part 2

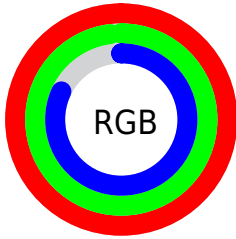
Format	Color
R _Y B	213, 255, 209
Decimal	16776145
CIE Lab	97.98, -5.35, 20.64
CIE LCh	98, 21.326, 104.529
Yxy	94.8578, 0.3406, 0.3703
Android (android.graphics.Color)	4294966225 (0xFFFFFBD1)
YUV	247.4080, -18.9351, 6.6582
Hunter-Lab	97.3950, -10.5420, 23.1085

Details

The XYZ color **87.2458, 94.8578, 74.0326** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.1382, 68.3619, 104.2116**, and the grayscale version is **88.8825, 93.5113, 101.8338**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6365, 53.3691, 38.3097** is the 20% darker color. If you saturate the color by 10%, you get **83.6511, 92.3229, 58.4854**, and if you desaturate by 10%, it is **91.3584, 97.6192, 92.2478**.

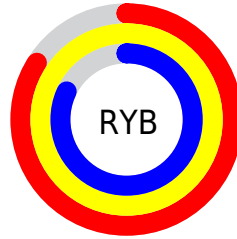
Distribution



Red (100%)

Green (98%)

Blue (82%)



Red (84%)

Yellow (100%)

Blue (82%)

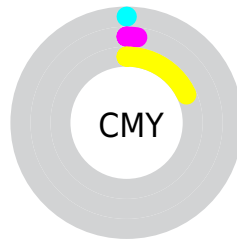


Cyan (0%)

Magenta (2%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2458, 94.8578, 74.0326 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 87.2458, 94.8578, 74.0326 by changing the saturation by 10% instead.


 87.2458, 94.8578,
74.0326

 87.2458, 94.8578,
74.0326


507.4027,
543.7096, 493.7523

 66.0273, 72.0166,
54.3238


142.4046,
154.0681, 126.6765

 48.5624, 53.1723,
38.4656


177.0757,
191.2061, 160.4486

 34.4856, 37.9403,
26.0396


216.9616,
233.8784, 199.7456

 23.4315, 25.9364,
16.6273

262.4279,
282.4695, 244.9860

 15.0349, 16.7760,
9.8100

313.8397,
337.3638, 296.5883

 8.9304, 10.0749,
5.1692

371.5626,

 4.7525, 5.4487,

398.9457, 354.9711

2.2864

435.9618,
467.5995, 420.5529

■ 2.1361, 2.5128,
0.7236

■ 0.7087, 0.8831,
0.0000

■ 87.2458, 94.8578,
74.0326

■ 87.2458, 94.8578,
74.0326

■ 83.6511, 92.3229,
58.4854

■ 91.3584, 97.6192,
92.2478

■ 80.5437, 89.9926,
45.4739

95.0500, 100.0000,
108.9000

■ 77.8997, 87.8606,
34.8634

■ 75.6909, 85.9154,
26.5045

■ 73.8855, 84.1444,
20.2310

■ 72.4477, 82.5331,
15.8537

■ 71.3349, 81.0646,
13.1495

■ 70.4898, 79.7157,
11.8151

■ 70.3394, 79.4587,
11.6298

Harmonies

Analogous

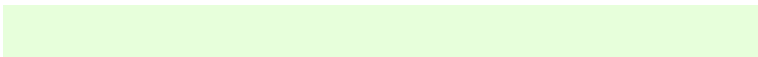
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3279, 94.8578, 74.1472



87.2458, 94.8578, 74.0326



82.1736, 94.8578, 81.1186

Triad

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



87.2458, 94.8578, 74.0326



82.0455, 94.8578, 128.7058



101.9556, 94.8578, 112.5159

Complementary

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



87.2458, 94.8578, 74.0326



68.1382, 68.3619, 104.2116

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.



98.6467, 94.8578, 129.1587



87.2458, 94.8578, 74.0326



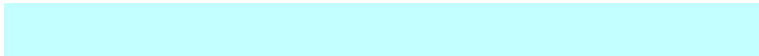
87.0636, 94.8578, 139.2002

Square

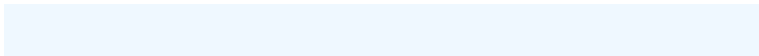
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2458, 94.8578, 74.0326



79.2644, 94.8578, 111.9519



93.1373, 94.8578, 139.3748



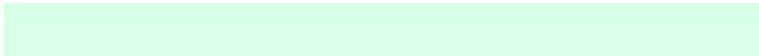
102.0098, 94.8578, 95.0755

Rectangle

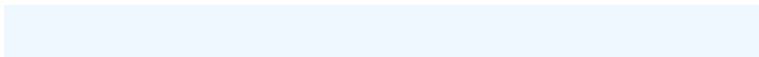
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2458, 94.8578, 74.0326



79.9692, 94.8578, 89.4873



93.1373, 94.8578, 139.3748



101.1806, 94.8578, 118.4306

Sweetspot

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



87.2480, 94.8619, 74.0346



92.7125, 98.5016, 98.3276



76.1277, 71.6966, 73.1785



19.7763, 21.0393, 20.7403



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.



87.2480, 94.8619, 74.0346



85.7630, 93.8304, 67.5629



82.0608, 94.0594, 74.1531



19.4184, 20.8050, 19.1366



36.8098, 41.6308, 6.0955



3.6221, 4.1295, 0.6062

Inverse Universe

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



68.1382, 68.3619, 104.2116



63.1151, 62.4253, 103.3305



72.6562, 69.2181, 104.1388



17.1298, 17.6311, 22.7503



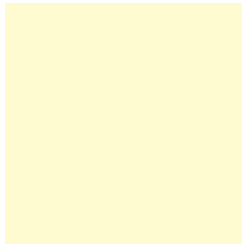
9.6259, 4.1614, 49.7305



0.9784, 0.4875, 4.8558

Previews

White Background



This preview shows how the XYZ color 87.2458, 94.8578, 74.0326 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 87.2458, 94.8578, 74.0326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

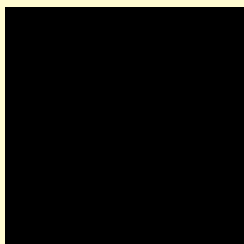
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.2458, 94.8578, 74.0326

Background



This preview shows how black text looks on a background with the XYZ color 87.2458, 94.8578, 74.0326.



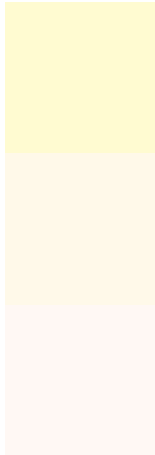
This preview shows how white text looks on a background with the XYZ color 87.2458, 94.8578,

74.0326.

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

87.2458, 94.8578, 74.0326

Protanopia

89.8237, 94.8946, 90.6731

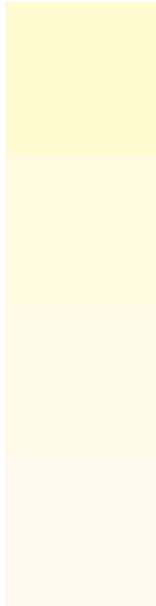
Deuteranopia

91.1365, 94.9265, 99.1072

Tritanopia

92.5508, 95.0015, 108.0669

Trichromacy



Original Color

87.2458, 94.8578, 74.0326

Protanomaly

88.8802, 95.0130, 84.1759

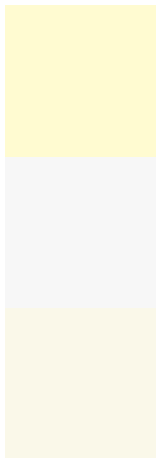
Deuteranomaly

89.5395, 94.7809, 89.1766

Tritanomaly

90.2400, 94.5678, 94.3862

Monochromacy



Original Color

87.2458, 94.8578, 74.0326

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.6997, 93.3420, 90.4853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2458, 94.8578, 74.0326 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, 251, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 209)  
}
```

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, 251, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 209) }
```

Border

The CSS property to change the border of an element to XYZ 87.2458, 94.8578, 74.0326 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, 251, 209) }
```


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

```
.border{ border-color:rgb(255, 251, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2458, 94.8578, 74.0326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 209) }
```

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

```
.background{ background-color: rgb(255,  
251, 209) }
```

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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