

Converting Colors

XYZ(87.8935, 94.3971, 87.4273)

Have a look what the booklet for
XYZ(87.8935, 94.3971, 87.4273)
contains.

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Color

**XYZ(88.1121, 94.5376,
87.7323)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FBFAE5 |
| RGB | 251, 250, 229 |
| RGB Percent | 98%, 98%, 90% |
| CMY | 0.0157, 0.0196, 0.1020 |
| CMYK | 0.00, 0.00, 0.09, 0.02 |
| HSL | 57°, 73%, 94% |
| HSV | 57°, 9%, 98% |
| XYZ | 88.1121, 94.5376, 87.7323 |
| YIQ | 247.9050, 7.3370, -6.3190 |

Conversions

Conversions Part 2

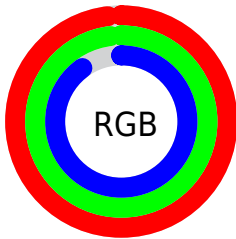
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 230, 251, 229 |
| Decimal | 16513765 |
| CIE _{Lab} | 97.85, -3.19, 10.18 |
| CIE _{LCh} | 98, 10.672, 107.414 |
| Yxy | 94.5376, 0.3259, 0.3496 |
| Android (android.graphics.Color) | 4294703845 (0xFFFBFAE5) |
| YUV | 247.9050, -9.3202, 2.7143 |
| Hunter-Lab | 97.2304, -8.3932, 14.5632 |

Details

The XYZ color **88.1121, 94.5376, 87.7323** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.0223, 80.2152, 102.6385**, and the grayscale version is **89.2173, 93.8636, 102.2174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1799, 53.1089, 47.7034** is the 20% darker color. If you saturate the color by 10%, you get **84.5072, 92.5360, 70.4722**, and if you desaturate by 10%, it is **92.2311, 96.7544, 107.6659**.

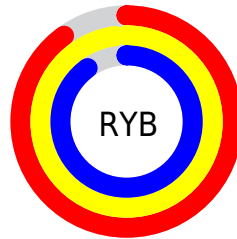
Distribution



Red (98%)

Green (98%)

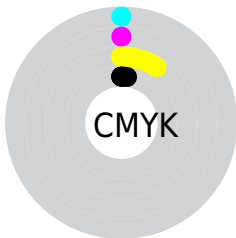
Blue (90%)



Red (90%)

Yellow (98%)

Blue (90%)

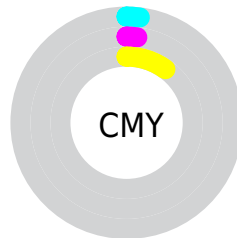


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (2%)



Cyan (2%)


Magenta (2%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1121, 94.5376, 87.7323 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 88.1121, 94.5376, 87.7323 by changing the saturation by 10% instead.


 88.1121, 94.5376,
87.7323

 88.1121, 94.5376,
87.7323

510.2002,
542.6836, 541.0047

 66.7470, 71.7502,
65.5383


143.6049,
153.6256, 146.0923

 49.1490, 52.9546,
47.4436


178.4634,
190.6950, 183.0953

 34.9527, 37.7665,
33.0296


218.5504,
233.2939, 225.8718

 23.7928, 25.8016,
21.8778

264.2312,
281.8065, 274.8403

 15.3039, 16.6752,
13.5697

315.8712,
336.6175, 330.4193

 9.1206, 10.0032,
7.6867

373.8358,

 4.8777, 5.4011,

398.1110, 393.0273

3.8102

438.4904,
466.6716, 463.0830

■ 2.2097, 2.4845,
1.5218

■ 0.7478, 0.8688,
0.2341

■ 88.1121, 94.5376,
87.7323

■ 88.1121, 94.5376,
87.7323

■ 84.5072, 92.5360,
70.4722

■ 92.2311, 96.7544,
107.6659

■ 81.3870, 90.7286,
55.7655

■ 92.7313, 97.5240,
108.5443

■ 78.7308, 89.1102,
43.4921

■ 93.0894, 98.2401,
108.6636

■ 76.5135, 87.6708,
33.5197

■ 93.4496, 98.9605,
108.7837

■ 74.7077, 86.3993,
25.7035

■ 93.5940, 99.2494,
108.8319

■ 73.2828, 85.2835,
19.8823

■ 72.2037, 84.3095,
15.8724

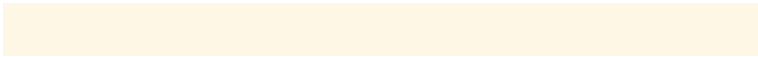
■ 71.4293, 83.4606,
13.4561

■ 70.8994, 82.7129,
12.3174

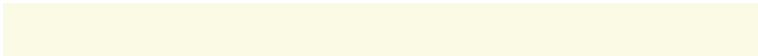
Harmonies

Analogous

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



91.1386, 94.5376, 87.4036



88.1121, 94.5376, 87.7323



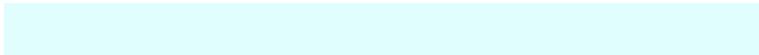
85.6077, 94.5376, 91.9870

Triad

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



88.1121, 94.5376, 87.7323



85.9462, 94.5376, 115.7981



95.6989, 94.5376, 106.6373

Complementary

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



88.1121, 94.5376, 87.7323



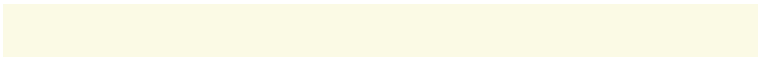
78.0223, 80.2152, 102.6385

Split Complementary

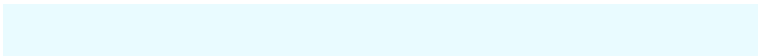
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2408, 94.5376, 114.7197



88.1121, 94.5376, 87.7323



88.5838, 94.5376, 120.2060

Square

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



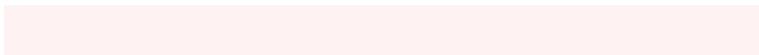
88.1121, 94.5376, 87.7323



84.3768, 94.5376, 108.0422



91.6210, 94.5376, 119.8005



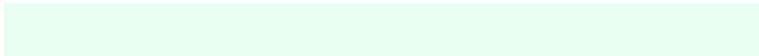
95.5657, 94.5376, 97.9921

Rectangle

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



88.1121, 94.5376, 87.7323



84.5504, 94.5376, 96.6209



91.6210, 94.5376, 119.8005



95.3773, 94.5376, 109.5192

Sweetspot

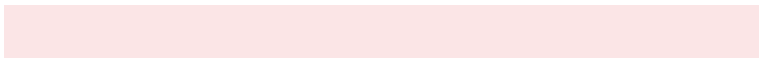
The Sweet Spot groups the original color and five complimentary colors.



88.1147, 94.5417, 87.7343



93.7323, 99.2965, 102.5050



82.1011, 82.2680, 86.4900



19.9890, 21.2140, 21.5837



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.



88.1147, 94.5417, 87.7343



90.4549, 97.5166, 86.6920



84.9509, 93.3709, 87.6751



18.6562, 20.0482, 18.3488



37.2668, 43.4902, 6.4303



3.4717, 4.0683, 0.6023

Inverse Universe

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



78.0223, 80.2152, 102.6385



77.5163, 79.1499, 105.7996



80.9959, 81.3383, 102.6986



16.3460, 16.7688, 21.7605



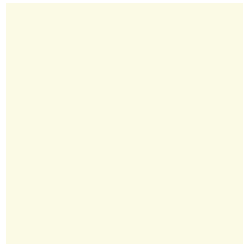
9.2454, 3.8464, 48.2287



0.8777, 0.3992, 4.4740

Previews

White Background



This preview shows how the XYZ color 88.1121, 94.5376, 87.7323 looks on a white background.

Color Contrast Check

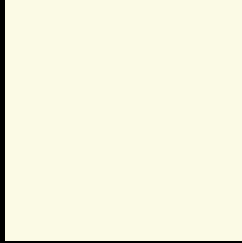
Large Text (above 18pt) WCAG AA × Fail

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 88.1121, 94.5376, 87.7323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

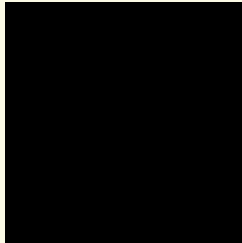
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.1121, 94.5376, 87.7323

Background



This preview shows how black text looks on a background with the XYZ color 88.1121, 94.5376, 87.7323.

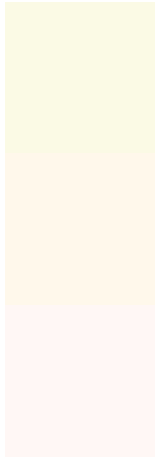


This preview shows how white text looks on a background with the XYZ color 88.1121, 94.5376,

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

88.1121, 94.5376, 87.7323

Protanopia

89.8028, 94.3930, 92.0838

Deuteranopia

90.9822, 94.3741, 99.8069

Tritanopia

91.4556, 94.4370, 108.0157

Trichromacy



Original Color

88.1121, 94.5376, 87.7323

Protanomaly

89.4567, 94.7054, 90.6559

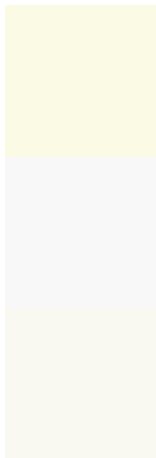
Deuteranomaly

90.0204, 94.4376, 95.1451

Tritanomaly

90.3468, 94.4841, 100.6642

Monochromacy



Original Color

88.1121, 94.5376, 87.7323

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.8198, 94.2420, 96.7283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1121, 94.5376, 87.7323 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(251, 250, 229)` looks like.

```
.text, #text, p{  
    color:rgb(251, 250, 229)  
}
```

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(251, 250, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 250, 229) }
```

Border

The CSS property to change the border of an element to XYZ 88.1121, 94.5376, 87.7323 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(251, 250, 229) }
```


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

```
.border{ border-color:rgb(251, 250, 229) }
```

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

Here you see how a box with a 4 pixel rgb(251, 250, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 250, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 250, 229);  
box-shadow:4px 4px 4px 4px rgb(251, 250,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1121, 94.5376, 87.7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 250, 229) }
```

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

```
.background{ background-color: rgb(251,  
250, 229) }
```

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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