

Converting Colors

XYZ(87.4600, 92.9872, 88.1407)

Have a look what the booklet for
XYZ(87.4600, 92.9872, 88.1407)
contains.

XYZ(87.3274, 92.7439, 88.1616)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(87.3274, 92.7439,
88.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF7E6
RGB	251, 247, 230
RGB Percent	98%, 97%, 90%
CMY	0.0157, 0.0313, 0.0980
CMYK	0.00, 0.02, 0.08, 0.02
HSL	49°, 72%, 94%
HSV	49°, 8%, 98%
XYZ	87.3274, 92.7439, 88.1616
YIQ	246.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

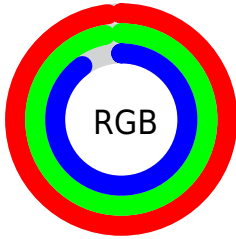
Format	Color
R_{YB}	235, 251, 230
Decimal	16512998
CIE Lab	97.12, -1.52, 8.63
CIE LCh	97, 8.764, 100.002
Yxy	92.7439, 0.3256, 0.3458
Android (android.graphics.Color)	4294703078 (0xFFFFBF7E6)
YUV	246.2580, -8.0152, 4.1587
Hunter-Lab	96.3036, -6.6689, 13.1352

Details

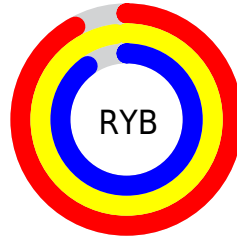
The XYZ color **87.3274, 92.7439, 88.1616** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4686, 82.6325, 103.0292**, and the grayscale version is **87.8668, 92.4427, 100.6701**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6168, 51.8261, 47.9985** is the 20% darker color. If you saturate the color by 10%, you get **82.6125, 88.5540, 70.4339**, and if you desaturate by 10%, it is **92.5760, 97.2132, 108.4925**.

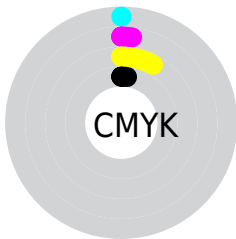
Distribution



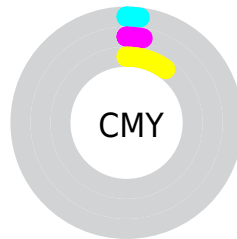
- Red (98%)
- Green (97%)
- Blue (90%)



- Red (92%)
- Yellow (98%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.3274, 92.7439, 88.1616 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 87.3274, 92.7439, 88.1616 by changing the saturation by 10% instead.


 87.3274, 92.7439,
88.1616

 87.3274, 92.7439,
88.1616


507.6665,
536.9168, 542.4473

 66.0951, 70.2587,
65.8918


142.5177,
151.1440, 146.6952

 48.6176, 51.7374,
47.7287


177.2065,
187.8277, 183.7962

 34.5295, 36.7958,
33.2536


217.1114,
230.0129, 226.6779

 23.4655, 25.0495,
22.0481

262.5979,
278.0841, 275.7589

 15.0602, 16.1139,
13.6936

314.0313,
332.4257, 331.4579

 8.9482, 9.6048,
7.7715

371.7770,

 4.7643, 5.1377,

393.4221, 394.1932

3.8634

436.2003,
461.4577, 464.3835

■ 2.1430, 2.3283,
1.5507

■ 0.7124, 0.7886,
0.2553

■ 87.3274, 92.7439,
88.1616

■ 87.3274, 92.7439,
88.1616

■ 82.6125, 88.5540,
70.4339

■ 92.5760, 97.2132,
108.4925

■ 78.4182, 84.6287,
55.2760

■ 93.5942, 99.2495,
108.8319

■ 74.7237, 80.9623,
42.5679

■ 71.5036, 77.5442,
32.1779

■ 68.7302, 74.3629,
23.9615

■ 66.3729, 71.4055,
17.7583

■ 64.3967, 68.6577,
13.3854

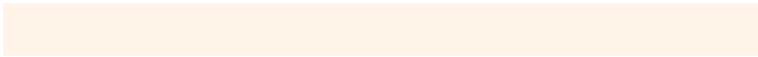
■ 62.7601, 66.1025,
10.6267

■ 61.4055, 63.7162,
9.1798

Harmonies

Analogous

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



89.7858, 92.7439, 88.7236



87.3274, 92.7439, 88.1616



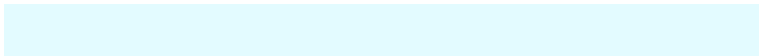
85.1302, 92.7439, 90.9099

Triad

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



87.3274, 92.7439, 88.1616



84.5593, 92.7439, 109.9874



92.6925, 92.7439, 105.7095

Complementary

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



87.3274, 92.7439, 88.1616



79.4686, 82.6325, 103.0292

Split Complementary

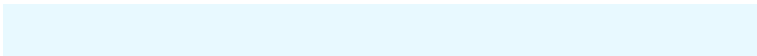
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2410, 92.7439, 111.7725



87.3274, 92.7439, 88.1616



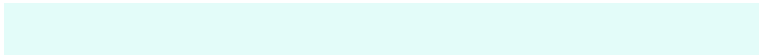
86.5348, 92.7439, 114.3213

Square

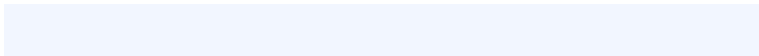
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3274, 92.7439, 88.1616



83.5520, 92.7439, 103.3649



88.9783, 92.7439, 114.9894



92.9143, 92.7439, 98.6367

Rectangle

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



87.3274, 92.7439, 88.1616



84.0978, 92.7439, 94.3284



88.9783, 92.7439, 114.9894



92.3309, 92.7439, 107.9421

Sweetspot

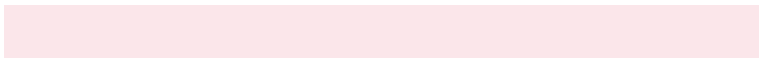
The Sweet Spot groups the original color and five complimentary colors.



87.3299, 92.7480, 88.1636



93.3800, 98.5919, 102.3876



82.9618, 83.0562, 89.6528



19.8935, 21.0231, 21.5519



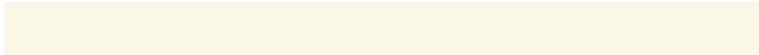
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.3299, 92.7480, 88.1636



89.6845, 95.4085, 88.1841



86.3329, 94.0674, 88.4708



18.4302, 19.5963, 18.2735



32.2700, 33.4967, 4.7647



3.0585, 3.2419, 0.4645

Inverse Universe

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



79.4686, 82.6325, 103.0292



80.0459, 83.0065, 106.4107



80.4025, 81.4443, 102.7506



16.5502, 17.1773, 21.8286



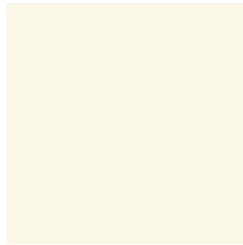
9.7807, 4.9170, 48.4071



0.9749, 0.5935, 4.5063

Previews

White Background



This preview shows how the XYZ color 87.3274, 92.7439, 88.1616 looks on a white background.

Color Contrast Check

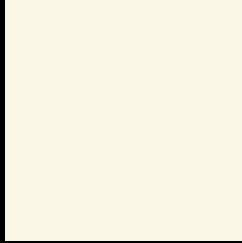
Large Text (above 18pt) WCAG AA × Fail

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 87.3274, 92.7439, 88.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

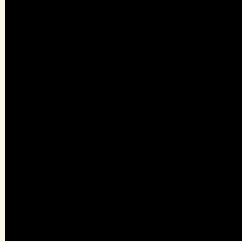
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.3274, 92.7439, 88.1616

Background



This preview shows how black text looks on a background with the XYZ color 87.3274, 92.7439, 88.1616.



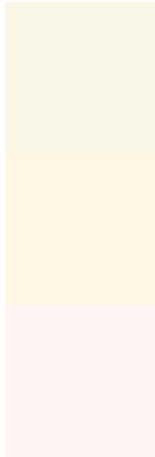
This preview shows how white text looks on a background with the XYZ color 87.3274, 92.7439,

88.1616.

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

87.3274, 92.7439, 88.1616

Protanopia

88.4787, 92.8847, 88.1281

Deuteranopia

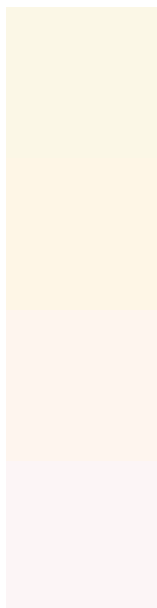
89.7683, 92.4324, 97.9040



Tritanopia

90.5456, 92.6168, 107.7123

Trichromacy



Original Color

87.3274, 92.7439, 88.1616

Protanomaly

88.1117, 92.6955, 88.1110

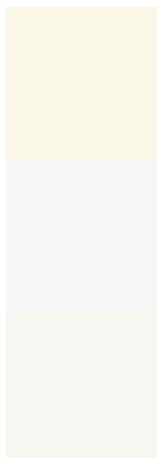
Deuteranomaly

88.9581, 92.5487, 94.0640

Tritanomaly

89.4318, 92.6541, 100.3592

Monochromacy



Original Color

87.3274, 92.7439, 88.1616

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.3953, 92.1593, 95.6204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3274, 92.7439, 88.1616 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, 247, 230) looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 230)  
}
```

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, 247, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 230) }
```

Border

The CSS property to change the border of an element to XYZ 87.3274, 92.7439, 88.1616 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, 247, 230) }
```


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

```
.border{ border-color:rgb(251, 247, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 247, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 230);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3274, 92.7439, 88.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 230) }
```

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

```
.background{ background-color: rgb(251,  
247, 230) }
```

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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