

Converting Colors

XYZ(87.5474, 93.0187, 84.7833)

Have a look what the booklet for
XYZ(87.5474, 93.0187, 84.7833)
contains.

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Color

**XYZ(87.3594, 92.8404,
84.5498)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF7E1
RGB	253, 247, 225
RGB Percent	99%, 97%, 88%
CMY	0.0078, 0.0313, 0.1176
CMYK	0.00, 0.02, 0.11, 0.01
HSL	47°, 88%, 94%
HSV	47°, 11%, 99%
XYZ	87.3594, 92.8404, 84.5498
YIQ	246.2860, 10.6380, -5.5700

Conversions

Conversions Part 2

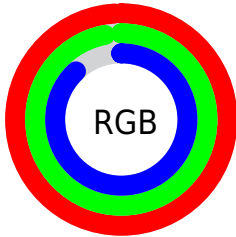
Format	Color
RYB	233, 253, 225
Decimal	16644065
CIELab	97.16, -1.63, 11.28
CIElCh	97, 11.397, 98.232
Yxy	92.8404, 0.3300, 0.3507
Android (android.graphics.Color)	4294834145 (0xFFFD7E1)
YUV	246.2860, -10.4940, 5.8882
Hunter-Lab	96.3537, -6.7814, 15.4210

Details

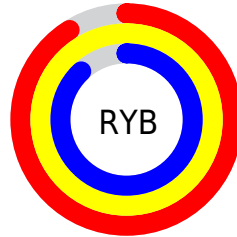
The XYZ color **87.3594, 92.8404, 84.5498** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3568, 80.2499, 104.3421**, and the grayscale version is **87.9073, 92.4853, 100.7165**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6515, 51.8996, 45.4836** is the 20% darker color. If you saturate the color by 10%, you get **82.5289, 88.2989, 67.1547**, and if you desaturate by 10%, it is **92.7546, 97.6909, 104.6585**.

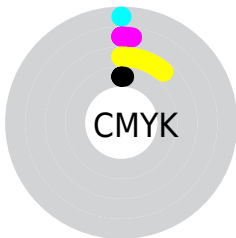
Distribution



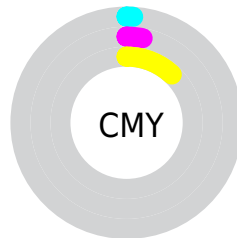
- Red (99%)
- Green (97%)
- Blue (88%)



- Red (91%)
- Yellow (99%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.3594, 92.8404, 84.5498 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 87.3594, 92.8404, 84.5498 by changing the saturation by 10% instead.


 87.3594, 92.8404,
84.5498

 87.3594, 92.8404,
84.5498


507.7700,
537.2279, 530.2429

 66.1217, 70.3389,
62.9215


142.5621,
151.2776, 141.6126

 48.6393, 51.8028,
45.3371


177.2577,
187.9821, 177.8841

 34.5468, 36.8479,
31.3781

217.1701,
230.1897, 219.8737

 23.4788, 25.0898,
20.6261

262.6646,
278.2848, 268.0001

 15.0701, 16.1440,
12.6624

314.1064,
332.6517, 322.6816

 8.9552, 9.6261,
7.0685

371.8610,

 4.7689, 5.1517,

393.6750, 384.3369

3.4259

436.2938,
461.7389, 453.3845

■ 2.1457, 2.3366,
1.3160

■ 0.7139, 0.7930,
0.0748

■ 87.3594, 92.8404,
84.5498

■ 87.3594, 92.8404,
84.5498

■ 82.5289, 88.2989,
67.1547

■ 92.7546, 97.6909,
104.6585

■ 78.2326, 84.0445,
52.3489

■ 94.3184, 99.6229,
108.8658

■ 74.4487, 80.0707,
40.0076

■ 71.1506, 76.3663,
29.9931

■ 68.3091, 72.9189,
22.1542

■ 65.8919, 69.7150,
16.3218

■ 63.8616, 66.7388,
12.3016

■ 62.1735, 63.9718,
9.8607

■ 60.8928, 61.6516,
8.6905

Harmonies

Analogous

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



90.5558, 92.8404, 85.5128



87.3594, 92.8404, 84.5498



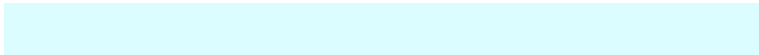
84.4694, 92.8404, 87.8014

Triad

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



87.3594, 92.8404, 84.5498



83.4720, 92.8404, 112.4507



94.1117, 92.8404, 107.8001

Complementary

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



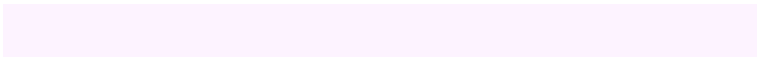
87.3594, 92.8404, 84.5498



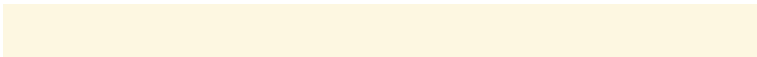
77.3568, 80.2499, 104.3421

Split Complementary

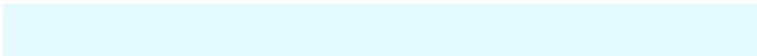
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1253, 92.8404, 115.6503



87.3594, 92.8404, 84.5498



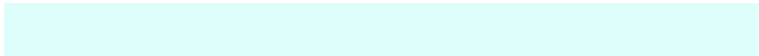
85.9680, 92.8404, 118.4469

Square

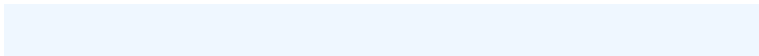
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3594, 92.8404, 84.5498



82.2610, 92.8404, 103.6449



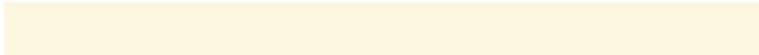
89.1306, 92.8404, 119.6520



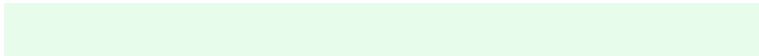
94.5062, 92.8404, 98.5723

Rectangle

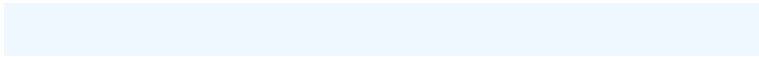
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3594, 92.8404, 84.5498



83.0872, 92.8404, 92.0451



89.1306, 92.8404, 119.6520



93.6058, 92.8404, 110.7034

Sweetspot

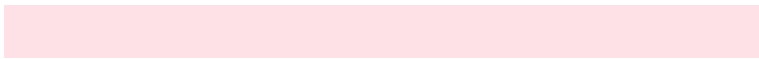
The Sweet Spot groups the original color and five complimentary colors.



87.3619, 92.8445, 84.5518



93.3223, 98.4764, 102.3684



81.8676, 80.5077, 86.8766



19.8779, 20.9919, 21.5467



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.



87.3619, 92.8445, 84.5518



87.9420, 93.6005, 82.4335



86.3964, 95.1123, 85.0404



19.2117, 20.3916, 19.0677



32.5032, 33.0176, 4.6599



3.2430, 3.3714, 0.4798

Inverse Universe

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



77.3568, 80.2499, 104.3421



76.1332, 78.7357, 105.7926



78.2386, 78.2560, 103.9108



17.3182, 18.0080, 22.8131



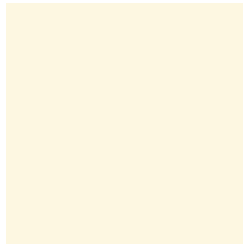
10.2227, 5.3550, 49.9294



1.0707, 0.6721, 4.8866

Previews

White Background



This preview shows how the XYZ color 87.3594, 92.8404, 84.5498 looks on a white background.

Color Contrast Check

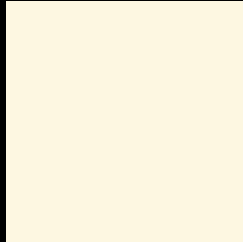
Large Text (above 18pt) WCAG AA × Fail

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 87.3594, 92.8404, 84.5498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

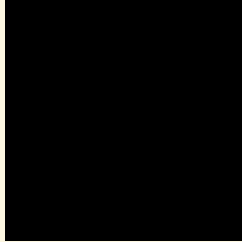
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.3594, 92.8404, 84.5498

Background



This preview shows how black text looks on a background with the XYZ color 87.3594, 92.8404, 84.5498.



This preview shows how white text looks on a background with the XYZ color 87.3594, 92.8404,

84.5498.

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

87.3594, 92.8404, 84.5498

Protanopia

88.1994, 92.7730, 86.6572

Deuteranopia

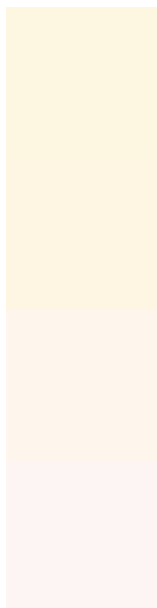
89.9194, 92.9756, 97.2112



Tritanopia

90.9087, 92.8040, 107.7293

Trichromacy



Original Color

87.3594, 92.8404, 84.5498

Protanomaly

87.6939, 92.5284, 85.9108

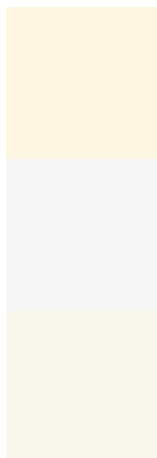
Deuteranomaly

88.9691, 93.0385, 92.6259

Tritanomaly

89.4896, 92.7191, 98.7679

Monochromacy



Original Color

87.3594, 92.8404, 84.5498

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.4553, 92.2243, 94.0806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3594, 92.8404, 84.5498 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(253, 247, 225) looks like.

```
.text, #text, p{  
    color:rgb(253, 247, 225)  
}
```

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(253, 247, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 247, 225) }
```

Border

The CSS property to change the border of an element to XYZ 87.3594, 92.8404, 84.5498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

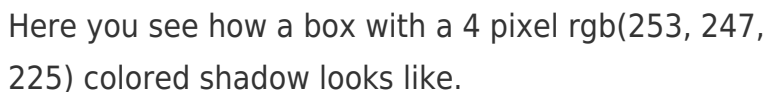
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 247, 225) }
```


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

```
.border{ border-color:rgb(253, 247, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 247, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 247, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 247, 225); box-shadow:4px 4px 4px 4px rgb(253, 247, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3594, 92.8404, 84.5498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 247, 225) }
```

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

```
.background{ background-color: rgb(253,  
247, 225) }
```

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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