

Converting Colors

XYZ(103.1967, 100.0000,
91.9521)

Have a look what the booklet for
XYZ(103.1967, 100.0000, 91.9521)
contains.

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Color

**XYZ(88.7437, 92.5053,
91.0199)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5EA
RGB	255, 245, 234
RGB Percent	100%, 96%, 92%
CMY	0.0000, 0.0392, 0.0823
CMYK	0.00, 0.04, 0.08, 0.00
HSL	31°, 100%, 96%
HSV	31°, 8%, 100%
XYZ	88.7437, 92.5053, 91.0199
YIQ	246.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

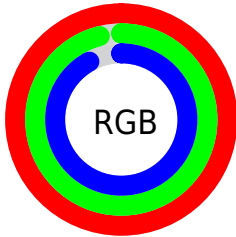
Format	Color
R_{YB}	253, 255, 234
Decimal	16774634
CIE Lab	97.03, 1.51, 6.47
CIE LCh	97, 6.644, 76.861
Yxy	92.5053, 0.3259, 0.3398
Android (android.graphics.Color)	4294964714 (0xFFFFF5EA)
YUV	246.7360, -6.2788, 7.2475
Hunter-Lab	96.1797, -3.6149, 11.2165

Details

The XYZ color **88.7437, 92.5053, 91.0199** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3317, 89.4115, 107.4211**, and the grayscale version is **88.2395, 92.8348, 101.0971**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5222, 51.6153, 49.4721** is the 20% darker color. If you saturate the color by 10%, you get **81.7890, 84.0428, 71.9098**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

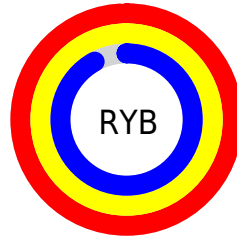
Distribution



Red (100%)

Green (96%)

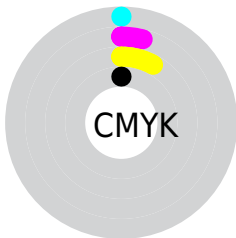
Blue (92%)



Red (99%)

Yellow (100%)

Blue (92%)

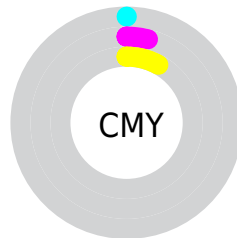


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.7437, 92.5053, 91.0199 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 88.7437, 92.5053, 91.0199 by changing the saturation by 10% instead.

 88.7437, 92.5053,
91.0199

 88.7437, 92.5053,
91.0199


512.2347,
536.1472, 551.9985

 67.2720, 70.0604,
68.2484

144.4793,
150.8135, 150.7021

 49.5772, 51.5758,
49.6319


179.4740,
187.4456, 188.4500

 35.2940, 36.6670,
34.7519

219.7070,
229.5756, 232.0269

 24.0570, 24.9498,
23.1898

265.5437,
277.5879, 281.8516

 15.5009, 16.0397,
14.5271

317.3494,
331.8667, 338.3426

 9.2603, 9.5522,
8.3452

375.4896,

 4.9698, 5.1031,

392.7967, 401.9184

4.2257

440.3296,
460.7620, 472.9975

■ 2.2641, 2.3079,
1.7500

■ 0.7762, 0.7779,
0.3946

■ 88.7437, 92.5053,
91.0199

■ 88.7437, 92.5053,
91.0199

■ 81.7890, 84.0428,
71.9098

95.0500, 100.0000,
108.9000

■ 75.5734, 76.2510,
55.5355

■ 70.0703, 69.1147,
41.7707

■ 65.2488, 62.6137,
30.4771

■ 61.0755, 56.7266,
21.5032

■ 57.5134, 51.4304,
14.6807

■ 54.5212, 46.6998,
9.8182

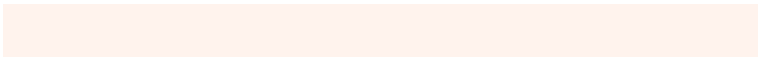
■ 52.0508, 42.5066,
6.6896

■ 50.0375, 38.8156,
4.9842

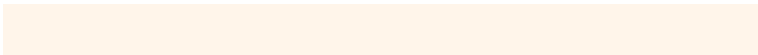
Harmonies

Analogous

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



90.4061, 92.5053, 93.3909



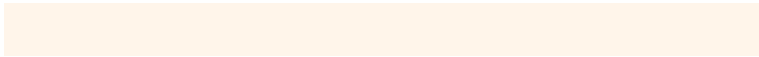
88.7437, 92.5053, 91.0199



86.8843, 92.5053, 91.1819

Triad

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



88.7437, 92.5053, 91.0199



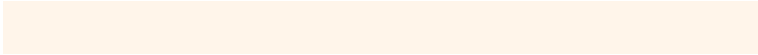
84.5258, 92.5053, 103.7402



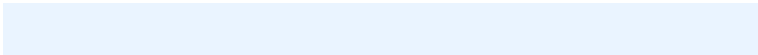
90.5745, 92.5053, 107.9320

Complementary

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



88.7437, 92.5053, 91.0199



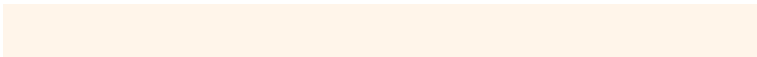
84.3317, 89.4115, 107.4211

Split Complementary

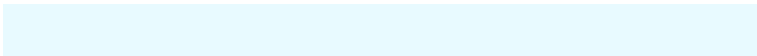
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9710, 92.5053, 110.9065



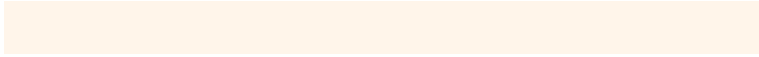
88.7437, 92.5053, 91.0199



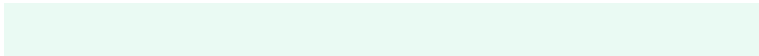
85.4868, 92.5053, 108.4282

Square

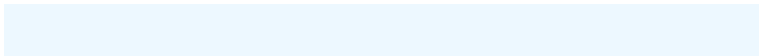
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7437, 92.5053, 91.0199



84.4669, 92.5053, 98.3990



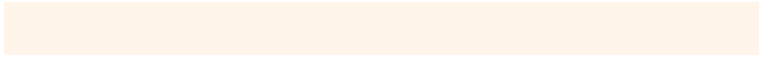
87.1084, 92.5053, 111.0913



91.4731, 92.5053, 103.0824

Rectangle

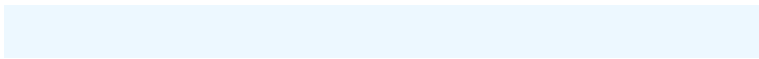
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.7437, 92.5053, 91.0199



85.7833, 92.5053, 92.7030



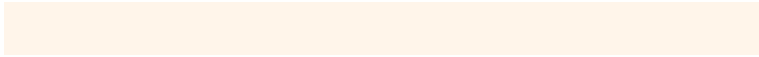
87.1084, 92.5053, 111.0913



90.0990, 92.5053, 109.1917

Sweetspot

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



88.7458, 92.5091, 91.0219



93.4702, 98.1369, 104.3762



87.0154, 86.6475, 97.8466



20.0231, 21.0250, 22.3882



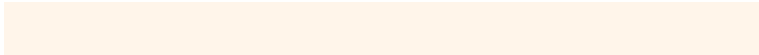
0.0000, 0.0000, 0.0000



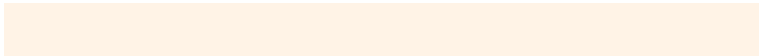
20.3446, 21.4041, 23.3091

Same Dimension

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



88.7458, 92.5091, 91.0219



87.4625, 90.9646, 87.4435



91.7229, 98.6543, 92.0511



18.7972, 19.5625, 18.9296



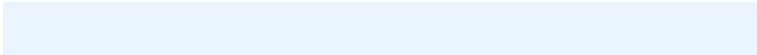
26.1277, 20.2666, 2.5348



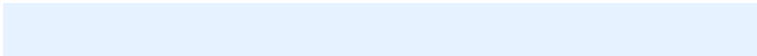
2.6534, 2.1922, 0.2833

Inverse Universe

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



84.3317, 89.4115, 107.4211



82.1669, 87.2485, 107.1177



81.5206, 83.6187, 106.4512



17.7161, 18.8039, 22.9457



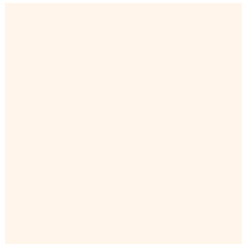
13.1746, 11.2589, 50.9134



1.3913, 1.3132, 4.9934

Previews

White Background



This preview shows how the XYZ color 88.7437, 92.5053, 91.0199 looks on a white background.

Color Contrast Check

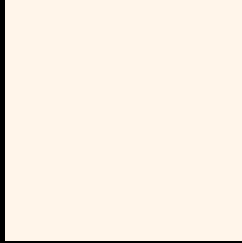
Large Text (above 18pt) WCAG AA × Fail

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 88.7437, 92.5053, 91.0199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

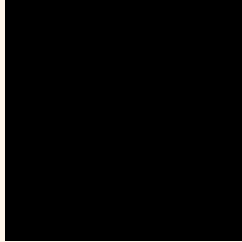
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

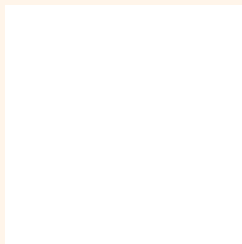
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.7437, 92.5053, 91.0199

Background



This preview shows how black text looks on a background with the XYZ color 88.7437, 92.5053, 91.0199.

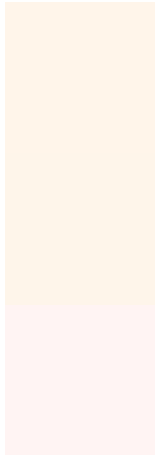


This preview shows how white text looks on a background with the XYZ color 88.7437, 92.5053,

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

88.7437, 92.5053, 91.0199

Protanopia

88.3767, 92.3162, 91.0027

Deuteranopia

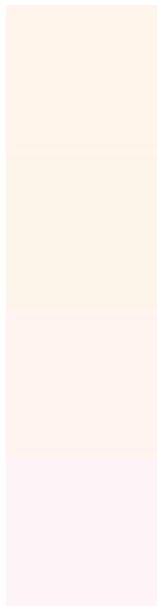
89.7683, 92.4324, 97.9040



Tritanopia

90.9736, 92.3920, 107.6464

Trichromacy



Original Color

88.7437, 92.5053, 91.0199

Protanomaly

88.3767, 92.3162, 91.0027

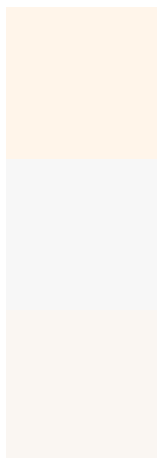
Deuteranomaly

89.3189, 92.2526, 95.5370

Tritanomaly

90.0122, 92.4876, 101.1034

Monochromacy



Original Color

88.7437, 92.5053, 91.0199

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4071, 92.6463, 97.2274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7437, 92.5053, 91.0199 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, 245, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 234)  
}
```

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, 245, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 234) }
```

Border

The CSS property to change the border of an element to XYZ 88.7437, 92.5053, 91.0199 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, 245, 234) }
```


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

```
.border{ border-color:rgb(255, 245, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7437, 92.5053, 91.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 234) }
```

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

```
.background{ background-color: rgb(255,  
245, 234) }
```

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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