

Converting Colors

XYZ(94.9451, 100.0173,
85.5441)

Have a look what the booklet for
XYZ(94.9451, 100.0173, 85.5441)
contains.

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Color

**XYZ(90.2724, 97.5799,
85.3111)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFEE1
RGB	255, 254, 225
RGB Percent	100%, 100%, 88%
CMY	0.0000, 0.0039, 0.1176
CMYK	0.00, 0.00, 0.12, 0.00
HSL	58°, 100%, 94%
HSV	58°, 12%, 100%
XYZ	90.2724, 97.5799, 85.3111
YIQ	250.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

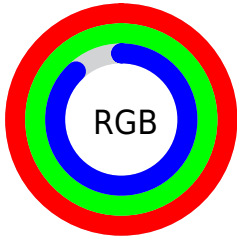
Format	Color
R _Y B	226, 255, 225
Decimal	16776929
CIE Lab	99.06, -4.45, 13.99
CIE LCh	99, 14.685, 107.640
Yxy	97.5799, 0.3305, 0.3572
Android (android.graphics.Color)	4294967009 (0xFFFFFEE1)
YUV	250.9930, -12.8145, 3.5141
Hunter-Lab	98.7825, -9.7473, 17.9434

Details

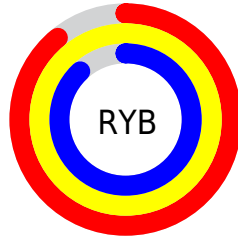
The XYZ color **90.2724, 97.5799, 85.3111** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **76.2971, 77.6182, 105.5683**, and the grayscale version is **91.7881, 96.5682, 105.1628**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.5107, 54.8406, 45.9533** is the 20% darker color. If you saturate the color by 10%, you get **86.7836, 95.7596, 68.2484**, and if you desaturate by 10%, it is **94.2866, 99.6186, 105.1146**.

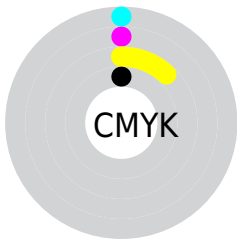
Distribution



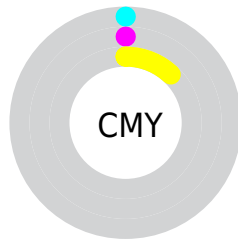
- Red (100%)
- Green (100%)
- Blue (88%)



- Red (89%)
- Yellow (100%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.2724, 97.5799, 85.3111 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 90.2724, 97.5799, 85.3111 by changing the saturation by 10% instead.

90.2724, 97.5799,
85.3111

90.2724, 97.5799,
85.3111

517.1413,
552.3917, 532.8283

68.5436, 74.2841,
63.5468

146.5931,
157.8241, 142.6858

50.6154, 55.0266,
45.8399

181.9158,
195.5412, 179.1333

36.1224, 39.4230,
31.7717

222.5005,
238.8342, 221.3122

24.6993, 27.0890,
20.9238

268.7125,
288.0876, 269.6412

15.9807, 17.6400,
12.8776

320.9172,
343.6856, 324.5388

9.6013, 10.6919,
7.2146

379.4800,

5.1956, 5.8600,

406.0127, 386.4235

3.5162

444.7662,
475.4533, 455.7138

■ 2.3984, 2.7602,
1.3639

■ 0.8443, 1.0078,
0.1133

■ 90.2724, 97.5799,
85.3111

■ 90.2724, 97.5799,
85.3111

■ 86.7836, 95.7596,
68.2484

■ 94.2866, 99.6186,
105.1146

■ 83.7902, 94.1362,
53.7993

■ 95.0500, 100.0000,
108.9000

■ 81.2701, 92.7040,
41.8360

■ 79.1963, 91.4521,
32.2175

■ 77.5394, 90.3690,
24.7886

■ 76.2664, 89.4413,
19.3754

■ 75.3394, 88.6538,
15.7780

■ 74.7124, 87.9882,
13.7552

■ 74.3644, 87.5088,
12.9715

Harmonies

Analogous

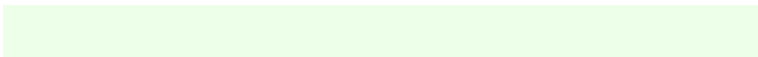
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5215, 97.5799, 84.8259



90.2724, 97.5799, 85.3111



86.7911, 97.5799, 91.1296

Triad

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



90.2724, 97.5799, 85.3111



87.3056, 97.5799, 124.6543



101.0296, 97.5799, 111.3789

Complementary

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



90.2724, 97.5799, 85.3111



76.2971, 77.6182, 105.5683

Split Complementary

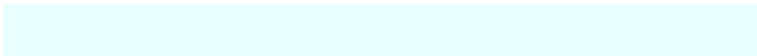
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.9688, 97.5799, 122.9521



90.2724, 97.5799, 85.3111



90.9944, 97.5799, 131.0032

Square

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



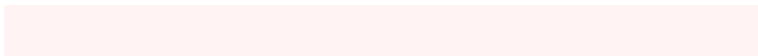
90.2724, 97.5799, 85.3111



85.1148, 97.5799, 113.5599



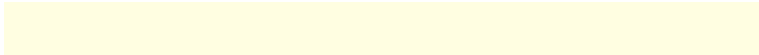
95.2659, 97.5799, 130.3573



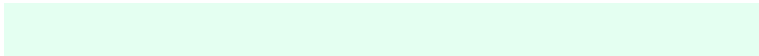
100.8218, 97.5799, 99.2568

Rectangle

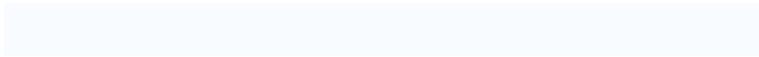
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.2724, 97.5799, 85.3111



85.3342, 97.5799, 97.5222



95.2659, 97.5799, 130.3573



100.5767, 97.5799, 115.4791

Sweetspot

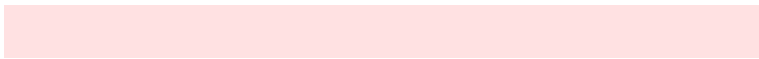
The Sweet Spot groups the original color and five complimentary colors.



90.2747, 97.5840, 85.3132



93.3432, 99.1450, 100.4434



81.8935, 80.6026, 83.1945



19.9127, 21.1875, 21.1695



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.



90.2747, 97.5840, 85.3132



89.4496, 97.1581, 81.2640



85.6268, 95.6573, 85.1863



19.5066, 20.9814, 19.1660



38.8800, 45.7712, 6.7855



3.8012, 4.4877, 0.6659

Inverse Universe

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



76.2971, 77.6182, 105.5683



73.0738, 73.7667, 104.9947



80.5727, 79.4224, 105.6912



17.0512, 17.4741, 22.7241



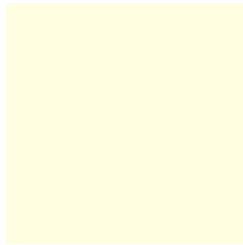
9.5003, 3.9101, 49.6886



0.9412, 0.4132, 4.8434

Previews

White Background



This preview shows how the XYZ color 90.2724, 97.5799, 85.3111 looks on a white background.

Color Contrast Check

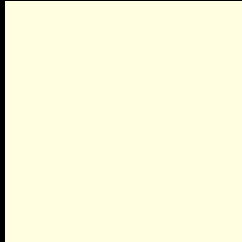
Large Text (above 18pt) WCAG AA × Fail

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 90.2724, 97.5799, 85.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

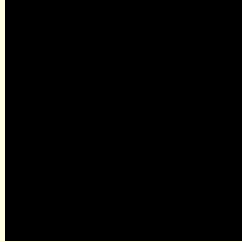
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.2724, 97.5799, 85.3111

Background



This preview shows how black text looks on a background with the XYZ color 90.2724, 97.5799, 85.3111.

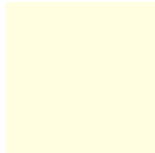


This preview shows how white text looks on a background with the XYZ color 90.2724, 97.5799,

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

90.2724, 97.5799, 85.3111



Protanopia

92.6850, 97.5346, 101.1298

Deuteranopia

93.4630, 97.8458, 105.2269

Tritanopia

93.7335, 97.9116, 108.5663

Trichromacy



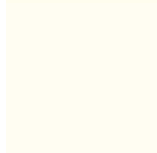
Original Color

90.2724, 97.5799, 85.3111



Protanomaly

91.7979, 97.6836, 94.9055



Deuteranomaly

92.3923, 97.9214, 98.0355



Tritanomaly

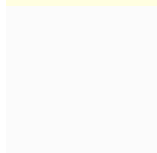
92.3275, 97.8530, 99.6093

Monochromacy



Original Color

90.2724, 97.5799, 85.3111



Achromatopsia

91.6934, 96.4686, 105.0543



Achromatomaly

90.9823, 96.7271, 97.8793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.2724, 97.5799, 85.3111 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, 254, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 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(255, 254, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 225) }
```

Border

The CSS property to change the border of an element to XYZ 90.2724, 97.5799, 85.3111 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, 254, 225) }
```


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

```
.border{ border-color:rgb(255, 254, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 90.2724, 97.5799, 85.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 225) }
```

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

```
.background{ background-color: rgb(255,  
254, 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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