

Converting Colors

XYZ(112.3413, 142.1947,
97.6369)

Have a look what the booklet for
XYZ(112.3413, 142.1947, 97.6369)
contains.

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Color

**XYZ(90.1091, 97.8554,
90.4827)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFFE8
RGB	251, 255, 232
RGB Percent	98%, 100%, 91%
CMY	0.0157, 0.0000, 0.0902
CMYK	0.02, 0.00, 0.09, 0.00
HSL	70°, 100%, 95%
HSV	70°, 9%, 100%
XYZ	90.1091, 97.8554, 90.4827
YIQ	251.1820, 4.9990, -8.0010

Conversions

Conversions Part 2

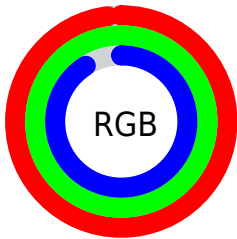
Format	Color
R _Y B	232, 255, 236
Decimal	16515048
CIE Lab	99.16, -5.21, 10.53
CIE LCh	99, 11.748, 116.343
Yxy	97.8554, 0.3236, 0.3514
Android (android.graphics.Color)	4294705128 (0xFFFBFFE8)
YUV	251.1820, -9.4567, -0.1596
Hunter-Lab	98.9219, -10.5156, 15.0134

Details

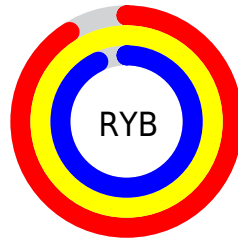
The XYZ color 90.1091, 97.8554, 90.4827 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.4995, 82.7674, 106.2880, and the grayscale version is 91.9182, 96.7051, 105.3119.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2787, 54.9921, 49.0389 is the 20% darker color. If you saturate the color by 10%, you get 85.1669, 95.6962, 72.6952, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

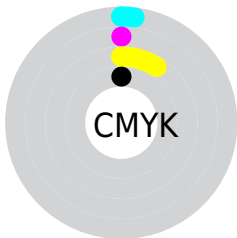
Distribution



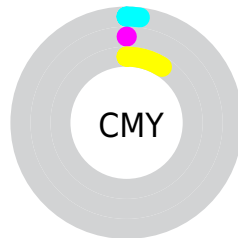
- Red (98%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.1091, 97.8554, 90.4827 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 90.1091, 97.8554, 90.4827 by changing the saturation by 10% instead.

90.1091, 97.8554,
90.4827

90.1091, 97.8554,
90.4827

516.6183,
553.2664, 550.2104

68.4077, 74.5138,
67.8051

146.3675,
158.2036, 149.9501

50.5044, 55.2147,
49.2735

181.6552,
195.9790, 187.5769

36.0338, 39.5736,
34.4693

222.2024,
239.3345, 231.0239

24.6305, 27.2063,
22.9741

268.3745,
288.6544, 280.7097

15.9292, 17.7282,
14.3693

320.5368,
344.3231, 337.0526

9.5646, 10.7550,
8.2363

379.0546,

5.1713, 5.9024,

406.7251, 400.4714

4.1566

444.2933,
476.2448, 471.3844

■ 2.3839, 2.7858,
1.7116

■ 0.8371, 1.0209,
0.3687

■ 90.1091, 97.8554,
90.4827

■ 90.1091, 97.8554,
90.4827

■ 85.1669, 95.6962,
72.6952

95.0500, 100.0000,
108.9000

■ 80.7643, 93.7571,
57.5573

■ 76.8776, 92.0286,
44.9432

■ 73.4803, 90.5001,
34.7152

■ 70.5435, 89.1600,
26.7223

■ 68.0351, 87.9954,
20.7965

■ 65.9183, 86.9916,
16.7458

■ 64.1496, 86.1312,
14.3427

■ 62.6650, 85.3884,
13.2507

Harmonies

Analogous

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



93.4305, 97.8554, 88.7671



90.1091, 97.8554, 90.4827



87.6197, 97.8554, 96.4064

Triad

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



90.1091, 97.8554, 90.4827



89.3966, 97.8554, 123.0773



99.7555, 97.8554, 107.7589

Complementary

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



90.1091, 97.8554, 90.4827



81.4995, 82.7674, 106.2880

Split Complementary

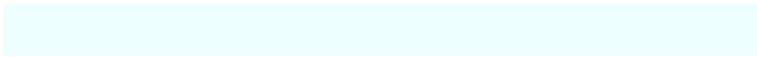
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.6141, 97.8554, 117.3768



90.1091, 97.8554, 90.4827



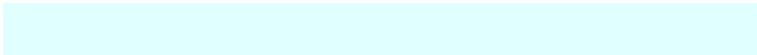
92.5880, 97.8554, 126.5574

Square

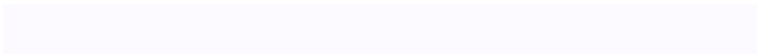
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



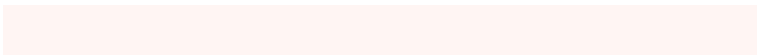
90.1091, 97.8554, 90.4827



87.2155, 97.8554, 115.1620



95.9697, 97.8554, 124.4103



99.0527, 97.8554, 98.3745

Rectangle

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



90.1091, 97.8554, 90.4827



86.7383, 97.8554, 102.1446



95.9697, 97.8554, 124.4103



99.5740, 97.8554, 111.0760

Sweetspot

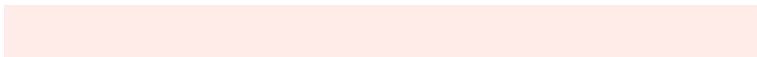
The Sweet Spot groups the original color and five complimentary colors.



90.1098, 97.8557, 90.4842



93.3549, 99.2656, 102.5190



85.7537, 86.9822, 88.6150



19.8867, 21.2057, 21.5875



0.0000, 0.0000, 0.0000



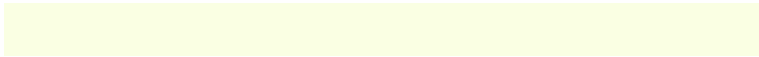
20.3446, 21.4041, 23.3091

Same Dimension

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



90.1098, 97.8557, 90.4842



89.0865, 97.4099, 86.7435



86.1483, 95.8135, 90.2988



19.2331, 20.9216, 19.1689



32.7850, 44.6393, 6.8883



3.2700, 4.3865, 0.6743

Inverse Universe

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



81.4995, 82.7674, 106.2880



78.7281, 79.2578, 105.7566



85.3828, 84.7693, 106.4697



17.2974, 17.5295, 22.7218



10.0669, 4.1002, 49.6954



1.0575, 0.4391, 4.8423

Previews

White Background



This preview shows how the XYZ color 90.1091, 97.8554, 90.4827 looks on a white background.

Color Contrast Check

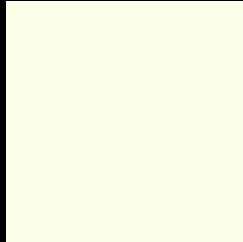
Large Text (above 18pt) WCAG AA × Fail

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 90.1091, 97.8554, 90.4827 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 90.1091, 97.8554, 90.4827

Background



This preview shows how black text looks on a background with the XYZ color 90.1091, 97.8554, 90.4827.

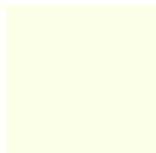


This preview shows how white text looks on a background with the XYZ color 90.1091, 97.8554,

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

90.1091, 97.8554, 90.4827

Protanopia

92.8389, 97.5962, 101.9405

Deuteranopia

93.4630, 97.8458, 105.2269

Tritanopia

93.3684, 97.7235, 108.5492

Trichromacy



Original Color

90.1091, 97.8554, 90.4827

Protanomaly

92.0253, 97.7322, 98.0183

Deuteranomaly

92.3275, 97.8530, 99.6093

Tritanomaly

92.0587, 97.6614, 101.9942

Monochromacy



Original Color

90.1091, 97.8554, 90.4827



Achromatopsia

91.6934, 96.4686, 105.0543



Achromatomaly

90.9232, 96.6617, 99.4534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.1091, 97.8554, 90.4827 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, 255, 232) looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 232)  
}
```

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, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 232) }
```

Border

The CSS property to change the border of an element to XYZ 90.1091, 97.8554, 90.4827 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, 255, 232) }
```


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

```
.border{ border-color:rgb(251, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 90.1091, 97.8554, 90.4827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 232) }
```

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

```
.background{ background-color: rgb(251,  
255, 232) }
```

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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