

Converting Colors

XYZ(91.5038, 100.0000,
91.8364)

Have a look what the booklet for
XYZ(91.5038, 100.0000, 91.8364)
contains.

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Color

**XYZ(90.6129, 98.0986,
91.2499)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFFE9
RGB	252, 255, 233
RGB Percent	99%, 100%, 91%
CMY	0.0118, 0.0000, 0.0863
CMYK	0.01, 0.00, 0.09, 0.00
HSL	68°, 100%, 96%
HSV	68°, 9%, 100%
XYZ	90.6129, 98.0986, 91.2499
YIQ	251.5950, 5.2740, -7.4780

Conversions

Conversions Part 2

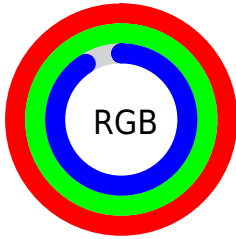
Format	Color
R_{YB}	233, 255, 236
Decimal	16580585
CIE _{Lab}	99.26, -4.71, 10.16
CIE _{LCh}	99, 11.201, 114.867
Yxy	98.0986, 0.3237, 0.3504
Android (android.graphics.Color)	4294770665 (0xFFFCFFE9)
YUV	251.5950, -9.1673, 0.3552
Hunter-Lab	99.0447, -10.0243, 14.7074

Details

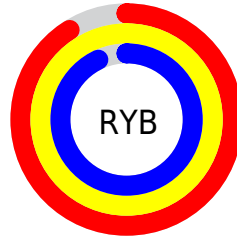
The XYZ color 90.6129, 98.0986, 91.2499 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.7817, 83.3319, 106.3820, and the grayscale version is 92.2596, 97.0643, 105.7030.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.6356, 55.1646, 49.5740 is the 20% darker color. If you saturate the color by 10%, you get 85.9820, 96.1022, 73.3716, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

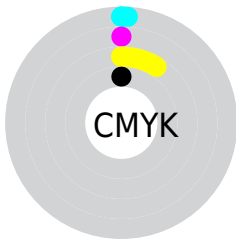
Distribution



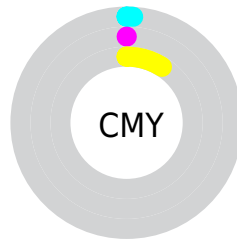
- Red (99%)
- Green (100%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 90.6129, 98.0986, 91.2499 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 90.6129, 98.0986, 91.2499 by changing the saturation by 10% instead.


 90.6129, 98.0986,
91.2499

 90.6129, 98.0986,
91.2499


518.2308,
554.0380, 552.7631

 68.8270, 74.7166,
68.4382


147.0635,
158.5386, 151.0240

 50.8470, 55.3808,
49.7854


182.4589,
196.3654, 188.8235

 36.3074, 39.7067,
34.8729


223.1216,
239.7759, 232.4560

 24.8429, 27.3099,
23.2823

269.4168,
289.1545, 282.3402

 16.0882, 17.8061,
14.5948

321.7100,
344.8856, 338.8944

 9.6778, 10.8109,
8.3921

380.3665,

 5.2465, 5.9398,

407.3536, 402.5372

4.2555

445.7516,
476.9430, 473.6873

■ 2.4288, 2.8085,
1.7665

■ 0.8595, 1.0326,
0.4057

■ 90.6129, 98.0986,
91.2499

■ 90.6129, 98.0986,
91.2499

■ 85.9820, 96.1022,
73.3716

95.0500, 100.0000,
108.9000

■ 81.8772, 94.3189,
58.1470

■ 78.2752, 92.7392,
45.4507

■ 75.1496, 91.3528,
35.1455

■ 72.4719, 90.1482,
27.0809

■ 70.2102, 89.1124,
21.0897

■ 68.3281, 88.2312,
16.9812

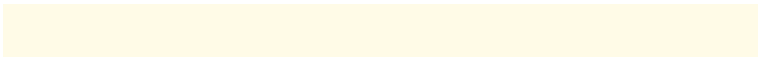
■ 66.7825, 87.4871,
14.5294

■ 65.5123, 86.8556,
13.4125

Harmonies

Analogous

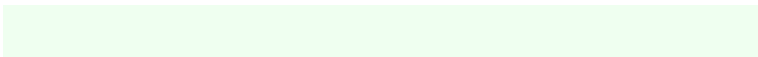
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8051, 98.0986, 89.8150



90.6129, 98.0986, 91.2499



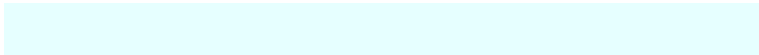
88.1768, 98.0986, 96.7525

Triad

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



90.6129, 98.0986, 91.2499



89.6575, 98.0986, 122.2747



99.6630, 98.0986, 108.4367

Complementary

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



90.6129, 98.0986, 91.2499



81.7817, 83.3319, 106.3820

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.



98.4929, 98.0986, 117.5471



90.6129, 98.0986, 91.2499



92.6767, 98.0986, 125.8300

Square

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



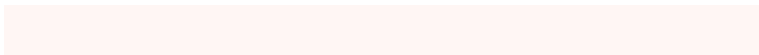
90.6129, 98.0986, 91.2499



87.6343, 98.0986, 114.5891



95.9169, 98.0986, 124.0514



99.0793, 98.0986, 99.3963

Rectangle

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



90.6129, 98.0986, 91.2499



87.2836, 98.0986, 102.1668



95.9169, 98.0986, 124.0514



99.4609, 98.0986, 111.5974

Sweetspot

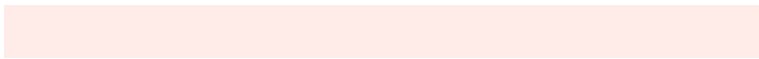
The Sweet Spot groups the original color and five complimentary colors.



90.6137, 98.0990, 91.2514



93.4600, 99.3198, 102.5239



85.9250, 87.0968, 89.3748



19.9152, 21.2204, 21.5889



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.



90.6137, 98.0990, 91.2514



89.9455, 97.8118, 88.6342



86.7671, 96.1160, 91.0714



19.3034, 20.9578, 19.1722



34.2400, 45.3895, 6.9564



3.3982, 4.4526, 0.6803

Inverse Universe

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



81.7817, 83.3319, 106.3820



79.8043, 80.8553, 106.0082



85.5240, 85.2611, 106.5572



17.2332, 17.4964, 22.7188



9.8593, 3.9931, 49.6857



1.0271, 0.4234, 4.8409

Previews

White Background



This preview shows how the XYZ color 90.6129, 98.0986, 91.2499 looks on a white background.

Color Contrast Check

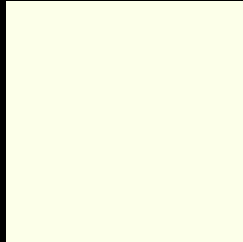
Large Text (above 18pt) WCAG AA × Fail

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 90.6129, 98.0986, 91.2499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

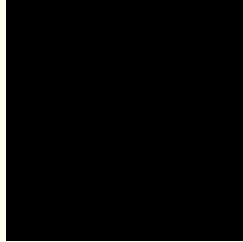
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.6129, 98.0986, 91.2499

Background



This preview shows how black text looks on a background with the XYZ color 90.6129, 98.0986, 91.2499.



This preview shows how white text looks on a background with the XYZ color 90.6129, 98.0986,

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

90.6129, 98.0986, 91.2499



Protanopia

93.3086, 98.2879, 102.8605

Deuteranopia

93.6211, 97.9091, 106.0594

Tritanopia

93.3684, 97.7235, 108.5492

Trichromacy

**Original Color**

90.6129, 98.0986, 91.2499

**Protanomaly**

92.4925, 98.4255, 98.9172

Deuteranomaly

92.4798, 97.9140, 100.4113

Tritanomaly

92.4218, 97.8486, 102.0112

Monochromacy

**Original Color**

90.6129, 98.0986, 91.2499

**Achromatopsia**

92.5260, 97.3445, 106.0082

**Achromatomaly**

91.7516, 97.5386, 100.3772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.6129, 98.0986, 91.2499 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(252, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 233)  
}
```

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(252, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 233) }
```

Border

The CSS property to change the border of an element to XYZ 90.6129, 98.0986, 91.2499 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(252, 255, 233) }
```


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

```
.border{ border-color:rgb(252, 255, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 90.6129, 98.0986, 91.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 233) }
```

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

```
.background{ background-color: rgb(252,  
255, 233) }
```

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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