

Converting Colors

XYZ(91.2361, 98.2379, 99.5041)

Have a look what the booklet for
XYZ(91.2361, 98.2379, 99.5041)
contains.

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Color

**XYZ(91.1561, 98.1914,
99.7363)**

Conversions

Conversions Part 1

Format	Color
Hex	F9FFF4
RGB	249, 255, 244
RGB Percent	98%, 100%, 96%
CMY	0.0235, 0.0000, 0.0431
CMYK	0.02, 0.00, 0.04, 0.00
HSL	93°, 100%, 98%
HSV	93°, 4%, 100%
XYZ	91.1561, 98.1914, 99.7363
YIQ	251.9520, -0.0450, -4.6930

Conversions

Conversions Part 2

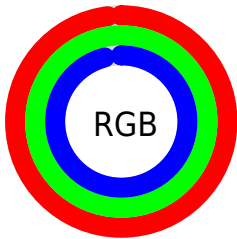
Format	Color
R_{YB}	244, 255, 250
Decimal	16383988
CIE Lab	99.30, -3.89, 4.55
CIE LCh	99, 5.985, 130.483
Yxy	98.1914, 0.3153, 0.3397
Android (android.graphics.Color)	4294574068 (0xFF99FF4)
YUV	251.9520, -3.9203, -2.5889
Hunter-Lab	99.0916, -9.2049, 9.6883

Details

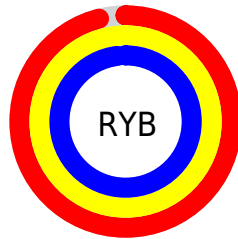
The XYZ color 91.1561, 98.1914, 99.7363 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.8256, 92.2465, 107.6788, and the grayscale version is 92.5182, 97.3364, 105.9993.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.2635, 55.3565, 55.5599 is the 20% darker color. If you saturate the color by 10%, you get 82.7728, 94.2865, 80.5110, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

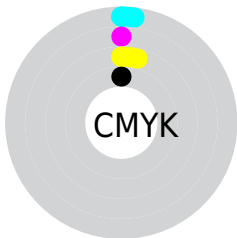
Distribution



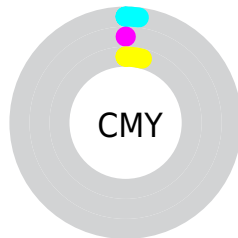
- Red (98%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (98%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 91.1561, 98.1914, 99.7363 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 91.1561, 98.1914, 99.7363 by changing the saturation by 10% instead.


 91.1561, 98.1914,
99.7363

 91.1561, 98.1914,
99.7363


519.9665,
554.3322, 580.5864

 69.2793, 74.7940,
75.4647


147.8134,
158.6664, 162.8435

 51.2167, 55.4442,
55.4896


183.3247,
196.5128, 202.5161

 36.6028, 39.7574,
39.3926


224.1116,
239.9442, 248.1594

 25.0724, 27.3495,
26.7551

270.5393,
289.3452, 300.1921

 16.2600, 17.8359,
17.1586

322.9733,
345.1001, 359.0326

 9.8004, 10.8322,
10.1845

381.7789,

 5.3280, 5.9541,

407.5933, 425.0994

5.4142

447.3215,
477.2092, 498.8112

■ 2.4777, 2.8172,
2.4293

■ 0.8840, 1.0371,
0.8024

■ 91.1561, 98.1914,
99.7363

■ 91.1561, 98.1914,
99.7363

■ 82.7728, 94.2865,
80.5110

95.0500, 100.0000,
108.9000

■ 75.2616, 90.7718,
64.0071

■ 68.5918, 87.6343,
50.1028

■ 62.7299, 84.8595,
38.6652

■ 57.6396, 82.4318,
29.5495

■ 53.2816, 80.3346,
22.5958

■ 49.6122, 78.5491,
17.6242

■ 46.5817, 77.0545,
14.4255

■ 44.1311, 75.8259,
12.7435

Harmonies

Analogous

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



92.7159, 98.1914, 97.6972



91.1561, 98.1914, 99.7363



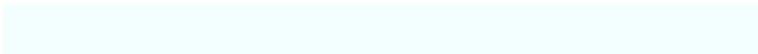
90.1860, 98.1914, 103.7202

Triad

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



91.1561, 98.1914, 99.7363



92.2061, 98.1914, 116.2757



96.6827, 98.1914, 105.1664

Complementary

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



91.1561, 98.1914, 99.7363



89.8256, 92.2465, 107.6788

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.



96.5421, 98.1914, 110.1722



91.1561, 98.1914, 99.7363



93.9428, 98.1914, 116.6925

Square

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



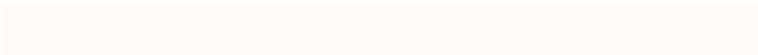
91.1561, 98.1914, 99.7363



90.7870, 98.1914, 113.3061



95.5341, 98.1914, 114.4275



95.9160, 98.1914, 100.7665

Rectangle

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



91.1561, 98.1914, 99.7363



89.9969, 98.1914, 106.9952



95.5341, 98.1914, 114.4275



96.7402, 98.1914, 106.8323

Sweetspot

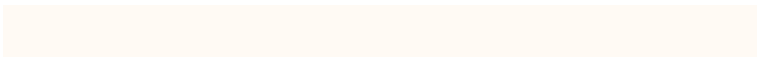
The Sweet Spot groups the original color and five complimentary colors.



91.1569, 98.1918, 99.7378



94.1323, 99.5740, 106.7282



91.7139, 96.0807, 99.3010



20.1579, 21.3174, 22.8671



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.



91.1569, 98.1918, 99.7378



90.5524, 97.9108, 98.3274



89.4540, 97.3075, 99.9490



19.2505, 20.8958, 20.7403



22.6107, 39.3943, 6.4122



2.3255, 3.8996, 0.6301

Inverse Universe

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



89.8256, 92.2465, 107.6788



89.0162, 91.0504, 107.4906



91.5822, 93.1588, 107.4532



18.8773, 19.2290, 22.9666



15.1760, 6.7340, 49.9345



1.6036, 0.7206, 4.8678

Previews

White Background



This preview shows how the XYZ color 91.1561, 98.1914, 99.7363 looks on a white background.

Color Contrast Check

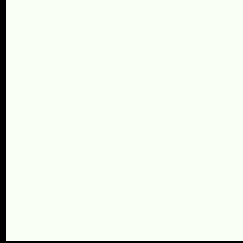
Large Text (above 18pt) WCAG AA × Fail

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 91.1561, 98.1914, 99.7363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

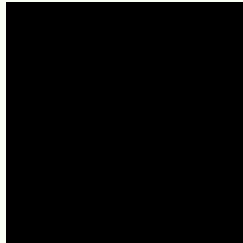
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 91.1561, 98.1914, 99.7363

Background



This preview shows how black text looks on a background with the XYZ color 91.1561, 98.1914, 99.7363.



This preview shows how white text looks on a background with the XYZ color 91.1561, 98.1914, 99.7363.

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

A vertical column of three color swatches. The top swatch is a light green, the middle is a light orange, and the bottom is a light yellow. Each swatch is associated with a label and a set of three numerical values.

Original Color

91.1561, 98.1914, 99.7363

Protanopia

93.6206, 98.4127, 104.5037

Deuteranopia

93.6211, 97.9091, 106.0594

Tritanopia

93.6833, 98.3532, 108.6542

Trichromacy

Original Color

91.1561, 98.1914, 99.7363

Protanomaly

92.8931, 98.5436, 102.9318

Deuteranomaly

92.7322, 97.9728, 103.6457

Tritanomaly

92.9993, 98.5441, 105.3861

Monochromacy

Original Color

91.1561, 98.1914, 99.7363

Achromatopsia

92.5260, 97.3445, 106.0082

Achromatomaly

92.0078, 97.5993, 103.6118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 91.1561, 98.1914, 99.7363 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(249, 255, 244) looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 244)  
}
```

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(249, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 91.1561, 98.1914, 99.7363 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(249, 255, 244) }
```


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

```
.border{ border-color:rgb(249, 255, 244) }
```

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

Here you see how a box with a 4 pixel rgb(249, 255, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 91.1561, 98.1914, 99.7363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 244) }
```

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

```
.background{ background-color: rgb(249,  
255, 244) }
```

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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