

# Converting Colors

XYZ(94.7149, 97.3265,  
100.6960)

Have a look what the booklet for  
XYZ(94.7149, 97.3265, 100.6960)  
contains.

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# **Color**

**XYZ(91.7502, 95.6652,  
100.8182)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FFF9F6                     |
| RGB         | 255, 249, 246              |
| RGB Percent | 100%, 98%, 96%             |
| CMY         | 0.0000, 0.0235, 0.0353     |
| CMYK        | 0.00, 0.02, 0.04, 0.00     |
| HSL         | 20°, 100%, 98%             |
| HSV         | 20°, 4%, 100%              |
| XYZ         | 91.7502, 95.6652, 100.8182 |
| YIQ         | 250.4520, 4.5390, 0.3390   |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 255, 251, 246                |
| Decimal                             | 16775670                     |
| CIE <sub>Lab</sub>                  | 98.30, 1.48, 2.13            |
| CIE <sub>LCh</sub>                  | 98, 2.597, 55.193            |
| Yxy                                 | 95.6652, 0.3183,<br>0.3319   |
| Android<br>(android.graphics.Color) | 4294965750<br>(0xFFFFF9F6)   |
| YUV                                 | 250.4520, -2.1948,<br>3.9886 |
| Hunter-Lab                          | 97.8086, -3.7215,<br>7.3516  |

# Details

The XYZ color 91.7502, 95.6652, 100.8182 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.8656, 96.4311, 108.4317, and the grayscale version is 91.2571, 96.0096, 104.5544.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.6529, 53.8634, 56.3895 is the 20% darker color. If you saturate the color by 10%, you get 83.0872, 84.1786, 79.9280, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

# Distribution



Red (100%)

Green (98%)

Blue (96%)



Red (100%)

Yellow (98%)

Blue (96%)



Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (2%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 91.7502, 95.6652, 100.8182 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 91.7502, 95.6652, 100.8182 by changing the saturation by 10% instead.




 91.7502, 95.6652,  
100.8182

 91.7502, 95.6652,  
100.8182


521.8613,  
546.2924, 584.0818

 69.7742, 72.6887,  
76.3633


148.6332,  
155.1833, 164.3428

 51.6214, 53.7215,  
56.2221


184.2709,  
192.4937, 204.2496

 36.9264, 38.3790,  
39.9758


225.1932,  
235.3509, 250.1442

 25.3240, 26.2770,  
27.2060

271.7654,  
284.1393, 302.4450

 16.4486, 17.0310,  
17.4942

324.3530,  
339.2432, 361.5706

 9.9350, 10.2566,  
10.4218

383.3213,

 5.4178, 5.5694,

401.0471, 427.9396

5.5703

449.0356,  
469.9354, 501.9705

■ 2.5317, 2.5851,  
2.5211

■ 0.9113, 0.9192,  
0.8513

■ 91.7502, 95.6652,  
100.8182

■ 91.7502, 95.6652,  
100.8182

■ 83.0872, 84.1786,  
79.9280

95.0500, 100.0000,  
108.9000

■ 75.3998, 73.8187,  
61.9052

■ 68.6539, 64.5540,  
46.6252

■ 62.8109, 56.3471,  
33.9518

■ 57.8292, 49.1586,  
23.7369

■ 53.6638, 42.9463,  
15.8174

■ 50.2649, 37.6647,  
10.0102

■ 47.5765, 33.2642,  
6.1037

■ 45.5325, 29.6892,  
3.8409

# Harmonies

## Analogous

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



92.2343, 95.6652, 102.4200



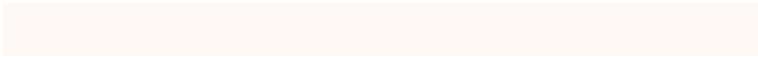
91.7502, 95.6652, 100.8182



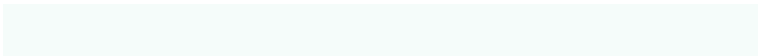
91.0475, 95.6652, 100.1130

# Triad

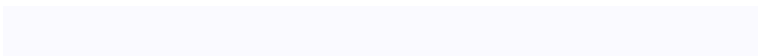
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7502, 95.6652, 100.8182



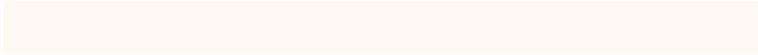
89.5015, 95.6652, 103.8184



91.5404, 95.6652, 107.9343

# Complementary

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



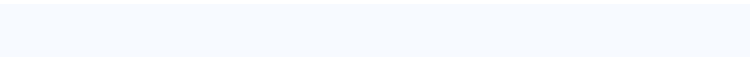
91.7502, 95.6652, 100.8182



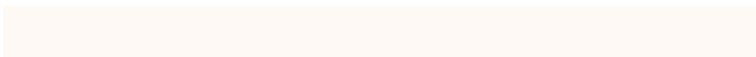
90.8656, 96.4311, 108.4317

# Split Complementary

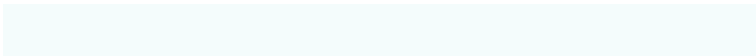
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8064, 95.6652, 108.3210



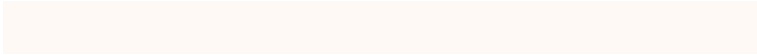
91.7502, 95.6652, 100.8182



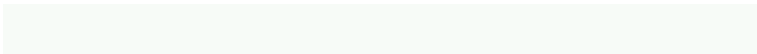
89.6319, 95.6652, 105.9260

# Square

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



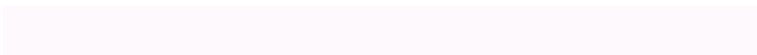
91.7502, 95.6652, 100.8182



89.7513, 95.6652, 101.8300



90.1085, 95.6652, 107.5813

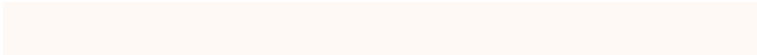


92.1127, 95.6652, 106.5316

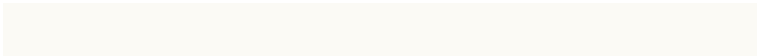


# Rectangle

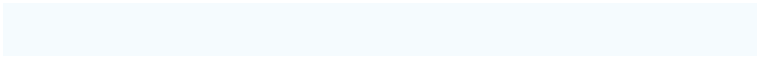
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



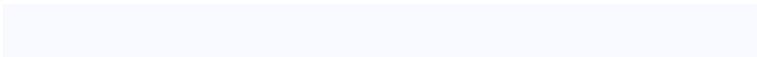
91.7502, 95.6652, 100.8182



90.5506, 95.6652, 100.2391



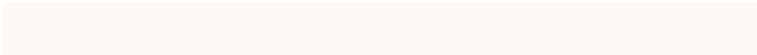
90.1085, 95.6652, 107.5813



91.3043, 95.6652, 108.1882

# Sweetspot

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



91.7524, 95.6691, 100.8202



94.1026, 98.7579, 106.5722



91.7671, 94.2009, 105.4419



20.1518, 21.1514, 22.8354



0.0000, 0.0000, 0.0000

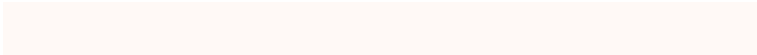


20.3446, 21.4041, 23.3091



# Same Dimension

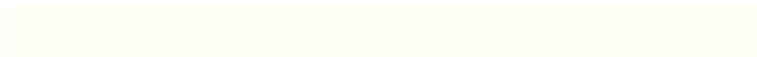
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7524, 95.6691, 100.8202



91.3216, 95.1017, 99.7695



93.1582, 98.4808, 101.2889



19.4004, 20.1630, 20.9987



23.3741, 14.7595, 1.6169

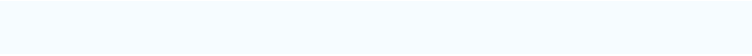


2.3716, 1.6285, 0.1893

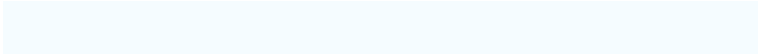


# Inverse Universe

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



90.8656, 96.4311, 108.4317



90.3196, 95.9628, 108.3701



89.4709, 93.6418, 107.9668



19.1469, 20.3808, 23.1747



17.0718, 19.0531, 52.2124

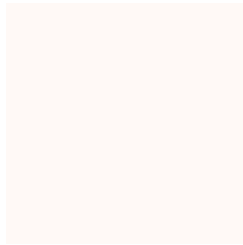


1.7628, 2.0564, 5.1173



# Previews

## White Background



This preview shows how the XYZ color 91.7502, 95.6652, 100.8182 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

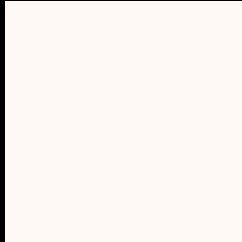
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 91.7502, 95.6652, 100.8182 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 91.7502, 95.6652, 100.8182

## Background



This preview shows how black text looks on a background with the XYZ color 91.7502, 95.6652, 100.8182.



This preview shows how white text looks on a background with the XYZ color 91.7502, 95.6652,



# 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

91.7502, 95.6652, 100.8182

### Protanopia

91.7502, 95.6652, 100.8182

### Deuteranopia

92.3710, 95.9135, 104.0872

## **Tritanopia**

92.4337, 95.8540, 108.2376

# Trichromacy



**Original Color**

91.7502, 95.6652, 100.8182

**Protanomaly**

91.7502, 95.6652, 100.8182

**Deuteranomaly**

92.2146, 95.8509, 103.2634

**Tritanomaly**

92.3194, 95.8505, 105.7307

# Monochromacy



**Original Color**

91.7502, 95.6652, 100.8182

**Achromatopsia**

90.8653, 95.5973, 104.1055

**Achromatomaly**

91.4294, 95.9062, 103.3154

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 91.7502, 95.6652, 100.8182 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, 249, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 246)  
}
```

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, 249, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 246) }
```

## Border

The CSS property to change the border of an element to XYZ 91.7502, 95.6652, 100.8182 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, 249, 246) }
```



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

```
.border{ border-color:rgb(255, 249, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
246) }
```

# Background

The CSS property to change the background color of an element to XYZ 91.7502, 95.6652, 100.8182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 246) }
```

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

```
.background{ background-color: rgb(255,  
249, 246) }
```

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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