

Converting Colors

XYZ(90.2170, 95.9028, 98.3943)

Have a look what the booklet for
XYZ(90.2170, 95.9028, 98.3943)
contains.

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Color

**XYZ(90.0992, 95.7894,
98.5345)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFBF3
RGB	250, 251, 243
RGB Percent	98%, 98%, 95%
CMY	0.0196, 0.0157, 0.0471
CMYK	0.00, 0.00, 0.03, 0.02
HSL	68°, 50%, 97%
HSV	68°, 3%, 98%
XYZ	90.0992, 95.7894, 98.5345
YIQ	249.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

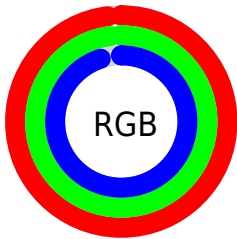
Format	Color
R_{YB}	243, 251, 244
Decimal	16448499
CIE Lab	98.35, -1.71, 3.70
CIE LCh	98, 4.078, 114.833
Yxy	95.7894, 0.3168, 0.3368
Android (android.graphics.Color)	4294638579 (0xFFFAFBF3)
YUV	249.7890, -3.3470, 0.1850
Hunter-Lab	97.8721, -6.9523, 8.8191

Details

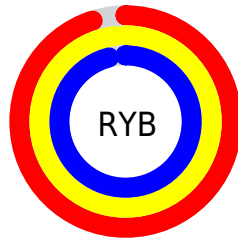
The XYZ color 90.0992, 95.7894, 98.5345 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.7750, 90.3019, 104.1282, and the grayscale version is 90.7201, 95.4446, 103.9392.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.7329, 54.0874, 54.7797 is the 20% darker color. If you saturate the color by 10%, you get 85.4466, 93.8021, 79.8640, and if you desaturate by 10%, it is 93.1121, 97.1291, 108.4480.

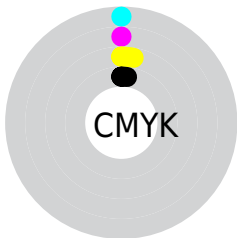
Distribution



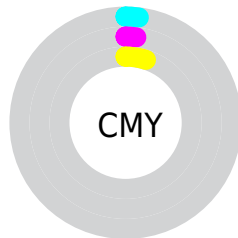
- Red (98%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.0992, 95.7894, 98.5345 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 90.0992, 95.7894, 98.5345 by changing the saturation by 10% instead.

90.0992, 95.7894,
98.5345

90.0992, 95.7894,
98.5345

516.5866,
546.6891, 576.6903

68.3995, 72.7922,
74.4672

146.3538,
155.3547, 161.1761

50.4977, 53.8060,
54.6774

181.6394,
192.6916, 200.5874

36.0284, 38.4466,
38.7466

222.1844,
235.5772, 245.9504

24.6263, 26.3295,
26.2564

268.3540,
284.3959, 297.6837

15.9261, 17.0703,
16.7880

320.5137,
339.5320, 356.2058

9.5624, 10.2846,
9.9231

379.0288,

5.1698, 5.5881,

401.3700, 421.9352

5.2431

444.2646,
470.2942, 495.2906

■ 2.3830, 2.5963,
2.3294

■ 0.8366, 0.9248,
0.7476

■ 90.0992, 95.7894,
98.5345

■ 90.0992, 95.7894,
98.5345

■ 85.4466, 93.8021,
79.8640

■ 93.1121, 97.1291,
108.4480

■ 81.3074, 92.0193,
63.8117

■ 93.7890, 97.4781,
108.4797

■ 77.6620, 90.4362,
50.2621

■ 74.4864, 89.0431,
39.0890

■ 71.7542, 87.8295,
30.1548

■ 69.4367, 86.7839,
23.3080

■ 67.5013, 85.8933,
18.3785

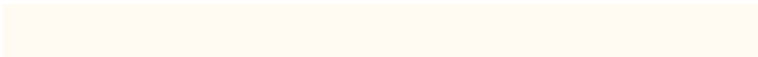
■ 65.9108, 85.1427,
15.1694

■ 64.6194, 84.5139,
13.4413

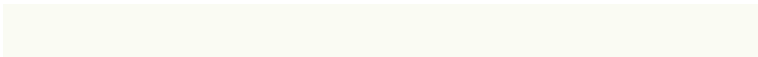
Harmonies

Analogous

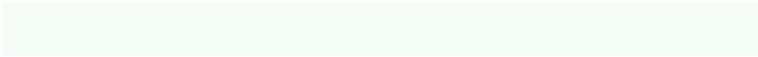
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2486, 95.7894, 97.9847



90.0992, 95.7894, 98.5345



89.2101, 95.7894, 100.6151

Triad

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



90.0992, 95.7894, 98.5345



89.7496, 95.7894, 109.6789



93.3141, 95.7894, 104.8823

Complementary

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



90.0992, 95.7894, 98.5345



86.7750, 90.3019, 104.1282

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.



92.9048, 95.7894, 108.0705



90.0992, 95.7894, 98.5345



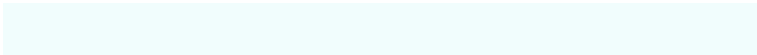
90.8416, 95.7894, 110.8776

Square

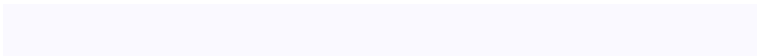
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.0992, 95.7894, 98.5345



89.0095, 95.7894, 107.0400



91.9973, 95.7894, 110.2827



93.1112, 95.7894, 101.6039

Rectangle

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



90.0992, 95.7894, 98.5345



88.8813, 95.7894, 102.6143



91.9973, 95.7894, 110.2827



93.2435, 95.7894, 106.0008

Sweetspot

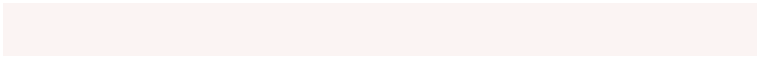
The Sweet Spot groups the original color and five complimentary colors.



90.1019, 95.7935, 98.5366



94.5245, 99.7762, 106.7465



88.2951, 91.6441, 97.8309



20.2377, 21.3586, 22.8708



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.



90.1019, 95.7935, 98.5366



92.9816, 99.1184, 100.4573



88.7076, 95.0748, 98.4713



18.9754, 20.2768, 20.2729



33.6546, 44.2679, 6.7708



3.1751, 4.1299, 0.6298

Inverse Universe

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



86.7750, 90.3019, 104.1282



88.6760, 92.0112, 107.6939



88.1540, 91.0128, 104.1927



17.9346, 18.5588, 22.0222



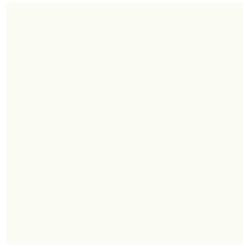
9.5219, 3.8514, 48.2151



0.9438, 0.3886, 4.4684

Previews

White Background



This preview shows how the XYZ color 90.0992, 95.7894, 98.5345 looks on a white background.

Color Contrast Check

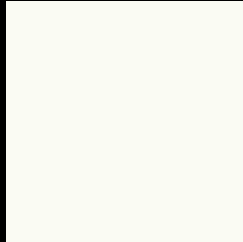
Large Text (above 18pt) WCAG AA × Fail

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 90.0992, 95.7894, 98.5345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

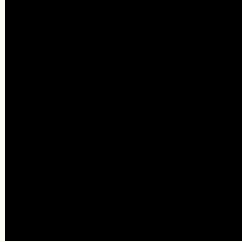
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.0992, 95.7894, 98.5345

Background



This preview shows how black text looks on a background with the XYZ color 90.0992, 95.7894, 98.5345.

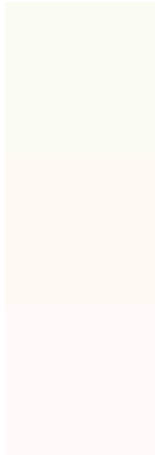


This preview shows how white text looks on a background with the XYZ color 90.0992, 95.7894, 98.5345.

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

90.0992, 95.7894, 98.5345

Protanopia

91.4448, 95.5430, 99.2099

Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

91.7093, 95.4806, 108.2037

Trichromacy

Original Color

90.0992, 95.7894, 98.5345

Protanomaly

91.0228, 95.7855, 99.2790

Deuteranomaly

91.4821, 95.9693, 101.6980

Tritanomaly

91.3819, 95.8455, 104.9505

Monochromacy

Original Color

90.0992, 95.7894, 98.5345

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.3984, 95.4106, 101.6473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.0992, 95.7894, 98.5345 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(250, 251, 243) looks like.

```
.text, #text, p{  
    color:rgb(250, 251, 243)  
}
```

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(250, 251, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 251, 243) }
```

Border

The CSS property to change the border of an element to XYZ 90.0992, 95.7894, 98.5345 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(250, 251, 243) }
```


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

```
.border{ border-color:rgb(250, 251, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 251, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 251, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 251, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 251,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 90.0992, 95.7894, 98.5345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 251, 243) }
```

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

```
.background{ background-color: rgb(250,  
251, 243) }
```

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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