

Converting Colors

XYZ(89.3318, 95.5817, 91.8670)

Have a look what the booklet for
XYZ(89.3318, 95.5817, 91.8670)
contains.

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Color

**XYZ(89.1321, 95.4441,
91.5667)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFBEA
RGB	251, 251, 234
RGB Percent	98%, 98%, 92%
CMY	0.0157, 0.0157, 0.0823
CMYK	0.00, 0.00, 0.07, 0.02
HSL	60°, 68%, 95%
HSV	60°, 7%, 98%
XYZ	89.1321, 95.4441, 91.5667
YIQ	249.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

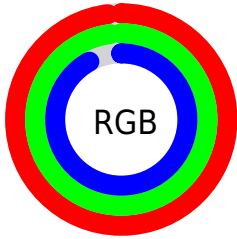
Format	Color
RYB	234, 251, 234
Decimal	16514026
CIELab	98.21, -2.88, 8.14
CIELCh	98, 8.631, 109.515
Yxy	95.4441, 0.3228, 0.3456
Android (android.graphics.Color)	4294704106 (0xFFFBFBEA)
YUV	249.0620, -7.4256, 1.6996
Hunter-Lab	97.6955, -8.1133, 12.8163

Details

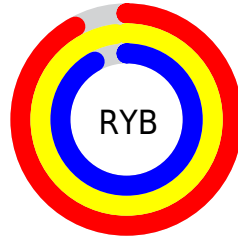
The XYZ color 89.1321, 95.4441, 91.5667 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.7708, 83.3057, 103.0944, and the grayscale version is 90.1518, 94.8467, 103.2880.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7991, 53.7139, 49.8626 is the 20% darker color. If you saturate the color by 10%, you get 85.7770, 94.1048, 73.9006, and if you desaturate by 10%, it is 92.3358, 96.7290, 108.4117.

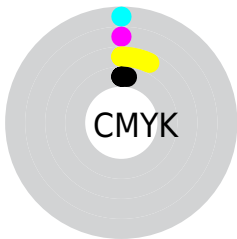
Distribution



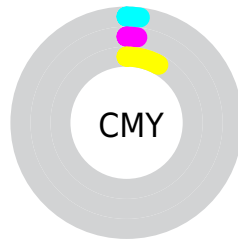
- Red (98%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.1321, 95.4441, 91.5667 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 89.1321, 95.4441, 91.5667 by changing the saturation by 10% instead.

89.1321, 95.4441,
91.5667

89.1321, 95.4441,
91.5667

513.4836,
545.5857, 553.8153

67.5949, 72.5047,
68.6998

145.0167,
154.8780, 151.4672

49.8407, 53.5710,
49.9970

180.0949,
192.1412, 189.3378

35.5042, 38.2588,
35.0399

220.4175,
234.9479, 233.0468

24.2198, 26.1836,
23.4098

266.3498,
283.6823, 283.0126

15.6224, 16.9611,
14.6882

318.2572,
338.7289, 339.6538

9.3465, 10.2067,
8.4567

376.5051,

5.0268, 5.5362,

400.4721, 403.3890

4.2966

441.4588,
469.2962, 474.6366

■ 2.2979, 2.5652,
1.7894

■ 0.7936, 0.9092,
0.4210

■ 89.1321, 95.4441,
91.5667

■ 89.1321, 95.4441,
91.5667

■ 85.7770, 94.1048,
73.9006

■ 92.3358, 96.7290,
108.4117

■ 82.9088, 92.9573,
58.8107


■ 92.3384, 96.7303,
108.4118


■ 80.5073, 91.9964,
46.1785


■ 92.3411, 96.7317,
108.4119

■ 78.5479, 91.2123,
35.8739


■ 92.3437, 96.7330,
108.4121


 77.0035, 90.5942,
27.7549


 92.3463, 96.7344,
108.4122

 75.8442, 90.1302,
21.6639


 92.3489, 96.7358,
108.4123


 75.0361, 89.8067,
17.4224

 92.3516, 96.7371,
108.4124

 74.5395, 89.6077,
14.8207

 92.3542, 96.7385,
108.4125

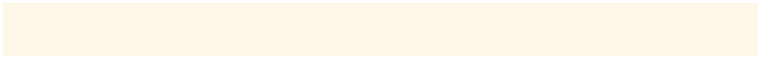
 74.3039, 89.5132,
13.5940

 92.3568, 96.7398,
108.4127

Harmonies

Analogous

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



91.5879, 95.4441, 91.0559



89.1321, 95.4441, 91.5667



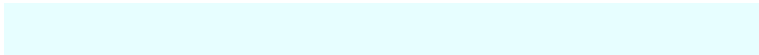
87.1358, 95.4441, 95.3001

Triad

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



89.1321, 95.4441, 91.5667



87.6539, 95.4441, 114.6664



95.4900, 95.4441, 106.4291

Complementary

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



89.1321, 95.4441, 91.5667



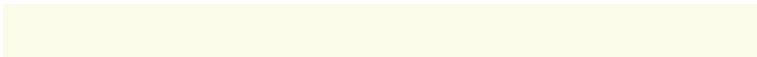
80.7708, 83.3057, 103.0944

Split Complementary

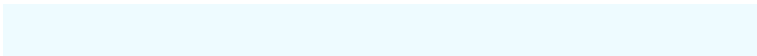
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3945, 95.4441, 113.0496



89.1321, 95.4441, 91.5667



89.8512, 95.4441, 117.9472

Square

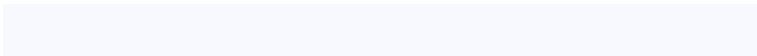
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.1321, 95.4441, 91.5667



86.2932, 95.4441, 108.5546



92.3201, 95.4441, 117.3424



95.2890, 95.4441, 99.4239

Rectangle

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



89.1321, 95.4441, 91.5667



86.3199, 95.4441, 99.2129



92.3201, 95.4441, 117.3424



95.2604, 95.4441, 108.7786

Sweetspot

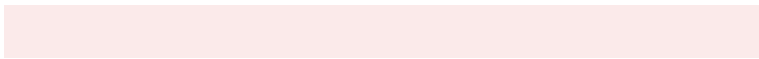
The Sweet Spot groups the original color and five complimentary colors.



89.1347, 95.4483, 91.5688



94.2391, 99.6756, 104.6327



84.0608, 85.2977, 89.8769



20.1795, 21.3381, 22.4404



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.



89.1347, 95.4483, 91.5688



91.9355, 98.7539, 92.5105



86.1418, 93.9054, 91.4287



18.7269, 20.1905, 18.3725



39.0315, 47.0398, 7.0224



3.6151, 4.3568, 0.6504

Inverse Universe

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



80.7708, 83.3057, 103.0944



81.7749, 84.0030, 106.5119



83.6281, 84.7787, 103.2281



16.2836, 16.6433, 21.7395



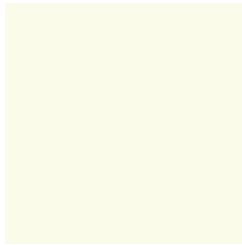
9.1535, 3.6615, 48.1978



0.8479, 0.3392, 4.4640

Previews

White Background



This preview shows how the XYZ color 89.1321, 95.4441, 91.5667 looks on a white background.

Color Contrast Check

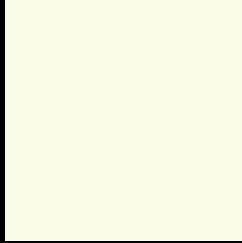
Large Text (above 18pt) WCAG AA × Fail

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 89.1321, 95.4441, 91.5667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

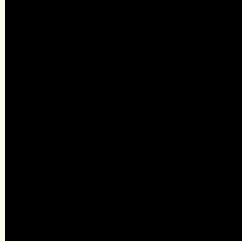
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

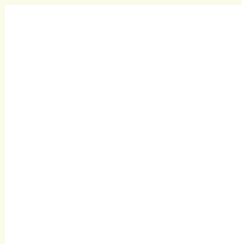
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.1321, 95.4441, 91.5667

Background



This preview shows how black text looks on a background with the XYZ color 89.1321, 95.4441, 91.5667.

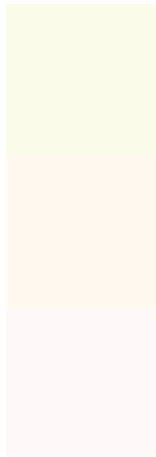


This preview shows how white text looks on a background with the XYZ color 89.1321, 95.4441, 91.5667.

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

89.1321, 95.4441, 91.5667

Protanopia

90.8439, 95.3026, 96.0453

Deuteranopia

91.7507, 95.1721, 102.3412

Tritanopia

92.0706, 95.6668, 108.2206

Trichromacy

**Original Color**

89.1321, 95.4441, 91.5667

Protanomaly

90.4913, 95.6151, 94.5751

Deuteranomaly

90.9264, 95.2933, 98.3951

Tritanomaly

91.1190, 95.7821, 101.6810

Monochromacy

**Original Color**

89.1321, 95.4441, 91.5667

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.9391, 95.2269, 99.2283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.1321, 95.4441, 91.5667 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, 251, 234)` looks like.

```
.text, #text, p{  
    color:rgb(251, 251, 234)  
}
```

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, 251, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 251, 234) }
```

Border

The CSS property to change the border of an element to XYZ 89.1321, 95.4441, 91.5667 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, 251, 234) }
```


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

```
.border{ border-color:rgb(251, 251, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 251, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 251, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 251, 234);  
box-shadow:4px 4px 4px 4px rgb(251, 251,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 89.1321, 95.4441, 91.5667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 251, 234) }
```

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

```
.background{ background-color: rgb(251,  
251, 234) }
```

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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