

Converting Colors

XYZ(88.2309, 92.9195, 93.4187)

Have a look what the booklet for
XYZ(88.2309, 92.9195, 93.4187)
contains.

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Color

**XYZ(88.3305, 93.1452,
93.4441)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF7ED
RGB	251, 247, 237
RGB Percent	98%, 97%, 93%
CMY	0.0157, 0.0313, 0.0706
CMYK	0.00, 0.02, 0.06, 0.02
HSL	43°, 64%, 96%
HSV	43°, 6%, 98%
XYZ	88.3305, 93.1452, 93.4441
YIQ	247.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

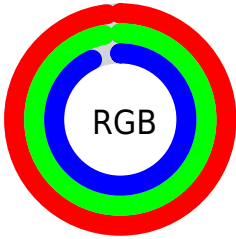
Format	Color
RYB	243, 251, 237
Decimal	16513005
CIELab	97.29, -0.37, 5.26
CIELCh	97, 5.273, 94.026
Yxy	93.1452, 0.3213, 0.3388
Android (android.graphics.Color)	4294703085 (0xFFFBF7ED)
YUV	247.0560, -4.9576, 3.4589
Hunter-Lab	96.5118, -5.5270, 10.1528

Details

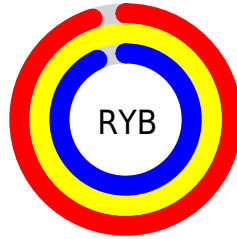
The XYZ color 88.3305, 93.1452, 93.4441 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.7929, 87.8788, 103.8138, and the grayscale version is 88.4917, 93.1002, 101.3861.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2194, 52.0671, 51.1719 is the 20% darker color. If you saturate the color by 10%, you get 82.7692, 87.4857, 74.7464, and if you desaturate by 10%, it is 93.3297, 98.7206, 108.7437.

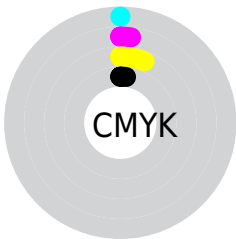
Distribution



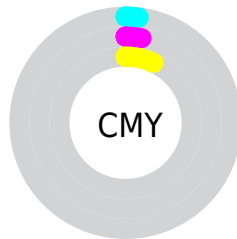
- Red (98%)
- Green (97%)
- Blue (93%)



- Red (95%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3305, 93.1452, 93.4441 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 88.3305, 93.1452, 93.4441 by changing the saturation by 10% instead.

88.3305, 93.1452,
93.4441

88.3305, 93.1452,
93.4441

510.9042,
538.2098, 560.0284

66.9285, 70.5922,
70.2510

143.9074,
151.6996, 154.0903

49.2970, 52.0095,
51.2531

178.8130,
188.4698, 192.3805

35.0707, 37.0126,
36.0319

218.9505,
230.7479, 236.5401

23.8841, 25.2173,
24.1690

264.6852,
278.9182, 286.9877

15.3719, 16.2390,
15.2457

316.3827,
333.3652, 344.1418

9.1688, 9.6934,
8.8434

374.4080,

4.9095, 5.1962,

394.4731, 408.4209

4.5438

439.1267,
462.6266, 480.2436

■ 2.2284, 2.3628,
1.9282

■ 0.7577, 0.8067,
0.5106

■ 88.3305, 93.1452,
93.4441

■ 88.3305, 93.1452,
93.4441

■ 82.7692, 87.4857,
74.7464

■ 93.3297, 98.7206,
108.7437

■ 77.7808, 82.1854,
58.6663

■ 93.5941, 99.2495,
108.8319

■ 73.3442, 77.2376,
45.0861

■ 69.4340, 72.6304,
33.8767

■ 66.0225, 68.3512,
24.8974

■ 63.0793, 64.3863,
17.9922

■ 60.5698, 60.7202,
12.9853

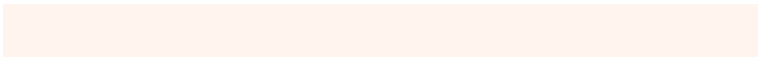
■ 58.4542, 57.3353,
9.6711

■ 56.6833, 54.2102,
7.7957

Harmonies

Analogous

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



89.7938, 93.1452, 94.2126



88.3305, 93.1452, 93.4441



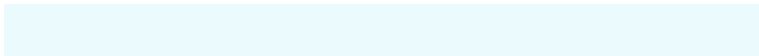
86.9365, 93.1452, 94.7627

Triad

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



88.3305, 93.1452, 93.4441



86.1759, 93.1452, 106.0855



91.1353, 93.1452, 105.0595

Complementary

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



88.3305, 93.1452, 93.4441



83.7929, 87.8788, 103.8138

Split Complementary

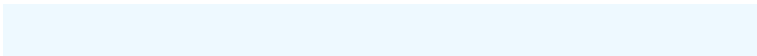
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1464, 93.1452, 108.3805



88.3305, 93.1452, 93.4441



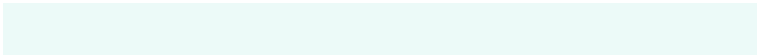
87.2815, 93.1452, 108.9844

Square

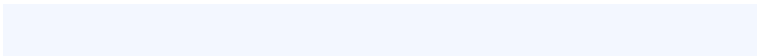
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3305, 93.1452, 93.4441



85.7014, 93.1452, 101.9971



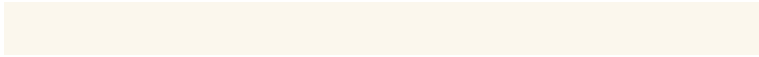
88.7332, 93.1452, 109.8358



91.4237, 93.1452, 100.8437

Rectangle

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



88.3305, 93.1452, 93.4441



86.2308, 93.1452, 96.6703



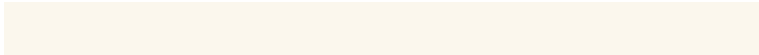
88.7332, 93.1452, 109.8358



90.8732, 93.1452, 106.3213

Sweetspot

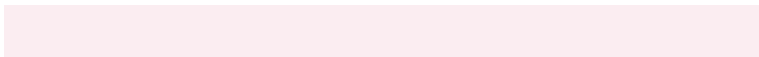
The Sweet Spot groups the original color and five complimentary colors.



88.3331, 93.1492, 93.4461



93.7771, 98.7507, 104.4785



85.9762, 87.4418, 95.7237



20.0855, 21.1499, 22.4090



0.0000, 0.0000, 0.0000



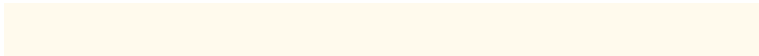
20.3446, 21.4041, 23.3091

Same Dimension

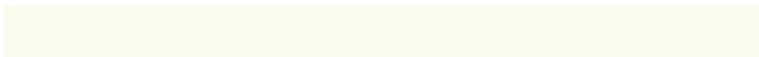
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3331, 93.1492, 93.4461



90.7044, 95.6959, 93.9262



88.5668, 95.1030, 93.8109



18.5135, 19.5359, 19.0008



29.5546, 28.0659, 3.8596



2.8276, 2.7801, 0.3876

Inverse Universe

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



83.7929, 87.8788, 103.8138



84.8500, 88.9001, 107.2951



83.5654, 86.0251, 103.4680



17.2184, 18.0325, 21.9584



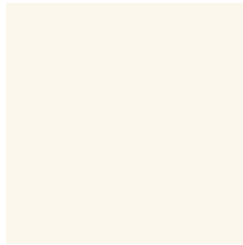
10.4651, 6.2857, 48.6352



1.0554, 0.7546, 4.5332

Previews

White Background



This preview shows how the XYZ color 88.3305, 93.1452, 93.4441 looks on a white background.

Color Contrast Check

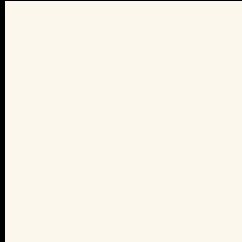
Large Text (above 18pt) WCAG AA × Fail

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 88.3305, 93.1452, 93.4441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

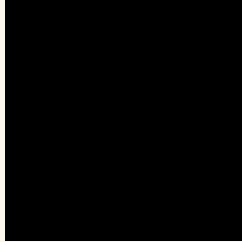
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.3305, 93.1452, 93.4441

Background



This preview shows how black text looks on a background with the XYZ color 88.3305, 93.1452, 93.4441.



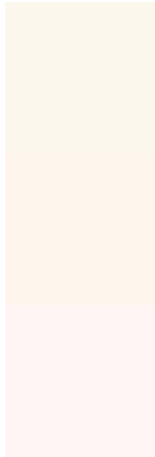
This preview shows how white text looks on a background with the XYZ color 88.3305, 93.1452,

93.4441.

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

88.3305, 93.1452, 93.4441

Protanopia

88.9691, 93.0385, 92.6259

Deuteranopia

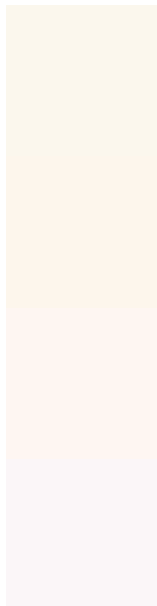
90.3738, 93.1574, 99.6042



Tritanopia

90.4861, 93.0340, 107.7960

Trichromacy



Original Color

88.3305, 93.1452, 93.4441

Protanomaly

88.6041, 92.8503, 92.6088

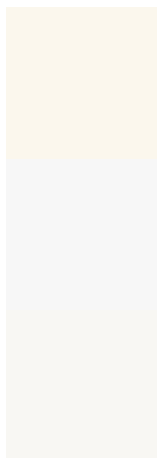
Deuteranomaly

89.8558, 93.3932, 97.2952

Tritanomaly

89.6827, 93.1981, 102.0692

Monochromacy



Original Color

88.3305, 93.1452, 93.4441

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.1498, 92.9491, 98.0890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3305, 93.1452, 93.4441 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, 247, 237) looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 237)  
}
```

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, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 237) }
```

Border

The CSS property to change the border of an element to XYZ 88.3305, 93.1452, 93.4441 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, 247, 237) }
```


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

```
.border{ border-color:rgb(251, 247, 237) }
```

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

Here you see how a box with a 4 pixel rgb(251, 247, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3305, 93.1452, 93.4441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 237) }
```

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

```
.background{ background-color: rgb(251,  
247, 237) }
```

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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