

Converting Colors

XYZ(88.3687, 96.9375, 91.1052)

Have a look what the booklet for
XYZ(88.3687, 96.9375, 91.1052)
contains.

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Color

**XYZ(88.4740, 96.9960,
91.1498)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FFE9
RGB	246, 255, 233
RGB Percent	96%, 100%, 91%
CMY	0.0353, 0.0000, 0.0863
CMYK	0.04, 0.00, 0.09, 0.00
HSL	85°, 100%, 96%
HSV	85°, 9%, 100%
XYZ	88.4740, 96.9960, 91.1498
YIQ	249.8010, 1.6980, -8.7500

Conversions

Conversions Part 2

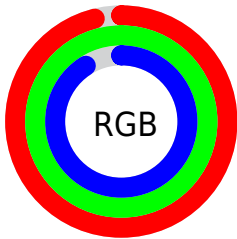
Format	Color
R _Y B	233, 255, 242
Decimal	16187369
CIE Lab	98.83, -6.74, 9.48
CIE LCh	99, 11.638, 125.419
Yxy	96.9960, 0.3198, 0.3506
Android (android.graphics.Color)	4294377449 (0xFF6FF6E9)
YUV	249.8010, -8.2829, -3.3335
Hunter-Lab	98.4865, -11.9985, 14.0674

Details

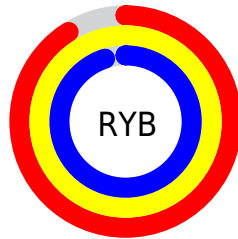
The XYZ color 88.4740, 96.9960, 91.1498 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.8076, 84.3762, 106.4769, and the grayscale version is 90.7667, 95.4936, 103.9925.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3651, 54.5096, 49.5146 is the 20% darker color. If you saturate the color by 10%, you get 81.5335, 93.8090, 73.1634, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

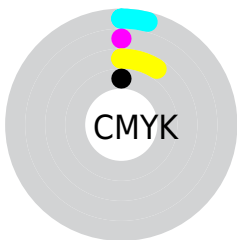
Distribution



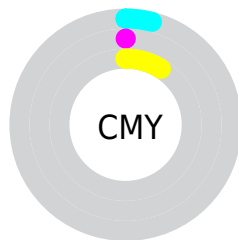
- Red (96%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4740, 96.9960, 91.1498 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 88.4740, 96.9960, 91.1498 by changing the saturation by 10% instead.

88.4740, 96.9960,
91.1498

88.4740, 96.9960,
91.1498

511.3664,
550.5354, 552.4304

67.0478, 73.7974,
68.3556

144.1060,
157.0193, 150.8839

49.3943, 54.6282,
49.7186

179.0426,
194.6127, 188.6609

35.1482, 39.1041,
34.8202

219.2133,
237.7732, 232.2693

23.9441, 26.8407,
23.2420

264.9835,
286.8852, 282.1276

15.4167, 17.4536,
14.5653

316.7185,
342.3330, 338.6543

9.2005, 10.5585,
8.3717

374.7838,

4.9304, 5.7708,

404.5010, 402.2679

4.2425

439.5446,
473.7737, 473.3871

■ 2.2408, 2.7062,
1.7593

■ 0.7641, 0.9803,
0.4009

■ 88.4740, 96.9960,
91.1498

■ 88.4740, 96.9960,
91.1498

■ 81.5335, 93.8090,
73.1634

95.0500, 100.0000,
108.9000

■ 75.2984, 90.9274,
57.8391

■ 69.7419, 88.3402,
45.0514

■ 64.8346, 86.0352,
34.6627

■ 60.5441, 83.9992,
26.5227

■ 56.8351, 82.2174,
20.4638

■ 53.6675, 80.6734,
16.2951

■ 50.9944, 79.3480,
13.7905

■ 48.7507, 78.2147,
12.6281

Harmonies

Analogous

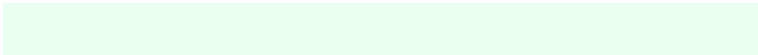
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5790, 96.9960, 88.1347



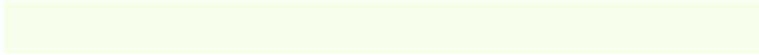
88.4740, 96.9960, 91.1498



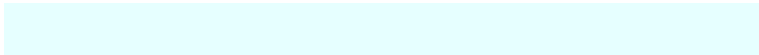
86.4035, 96.9960, 98.0526

Triad

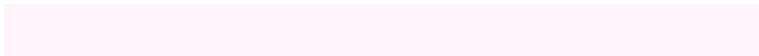
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4740, 96.9960, 91.1498



89.5130, 96.9960, 123.4703



98.8186, 96.9960, 103.8630

Complementary

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



88.4740, 96.9960, 91.1498



83.8076, 84.3762, 106.4769

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.



98.2329, 96.9960, 113.5506



88.4740, 96.9960, 91.1498



92.8073, 96.9960, 125.2597

Square

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



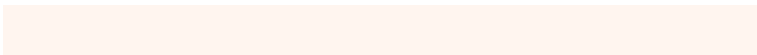
88.4740, 96.9960, 91.1498



86.9930, 96.9960, 116.7779



96.0123, 96.9960, 121.5287



97.5936, 96.9960, 95.1818

Rectangle

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



88.4740, 96.9960, 91.1498



85.8601, 96.9960, 104.1316



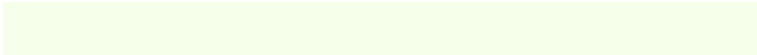
96.0123, 96.9960, 121.5287



98.8273, 96.9960, 107.1067

Sweetspot

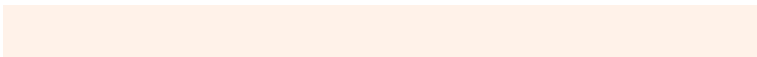
The Sweet Spot groups the original color and five complimentary colors.



88.4747, 96.9964, 91.1513



92.7006, 98.9283, 102.4884



87.6412, 90.5292, 89.9469



19.7098, 21.1145, 21.5793



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

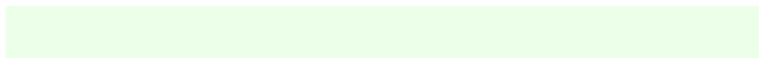
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4747, 96.9964, 91.1513



87.4787, 96.5401, 88.5188



84.7958, 95.0998, 90.9791



18.8006, 20.6986, 19.1487



25.4975, 40.8825, 6.5473



2.6066, 4.0445, 0.6433

Inverse Universe

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



83.8076, 84.3762, 106.4769



82.1197, 82.0490, 106.1166



87.6248, 86.3441, 106.6555



17.7067, 17.7405, 22.7410



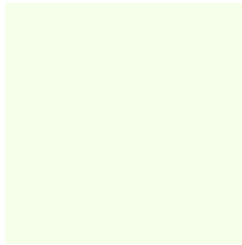
12.5926, 5.4022, 49.8136



1.3463, 0.5880, 4.8558

Previews

White Background



This preview shows how the XYZ color 88.4740, 96.9960, 91.1498 looks on a white background.

Color Contrast Check

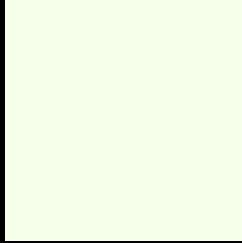
Large Text (above 18pt) WCAG AA × Fail

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 88.4740, 96.9960, 91.1498 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

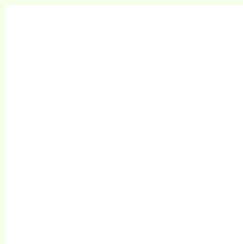
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.4740, 96.9960, 91.1498

Background



This preview shows how black text looks on a background with the XYZ color 88.4740, 96.9960, 91.1498.



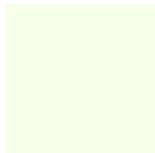
This preview shows how white text looks on a background with the XYZ color 88.4740, 96.9960,

91.1498.

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

88.4740, 96.9960, 91.1498



Protanopia

92.0663, 96.7860, 99.4171

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

92.6921, 96.9098, 108.4278

Trichromacy



Original Color

88.4740, 96.9960, 91.1498

Protanomaly

90.6835, 96.6075, 96.3057

Deuteranomaly

91.2844, 96.8479, 99.4703

Tritanomaly

91.0232, 96.6602, 101.8555

Monochromacy



Original Color

88.4740, 96.9960, 91.1498

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.2065, 96.2922, 99.4198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4740, 96.9960, 91.1498 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(246, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 233)  
}
```

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(246, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 233) }
```

Border

The CSS property to change the border of an element to XYZ 88.4740, 96.9960, 91.1498 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(246, 255, 233) }
```


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

```
.border{ border-color:rgb(246, 255, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4740, 96.9960, 91.1498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 233) }
```

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

```
.background{ background-color: rgb(246,  
255, 233) }
```

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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