

Converting Colors

XYZ(75.0600, 87.4943, 58.4911)

Have a look what the booklet for
XYZ(75.0600, 87.4943, 58.4911)
contains.

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Color

**XYZ(75.1741, 87.5844,
58.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F8B8
RGB	231, 248, 184
RGB Percent	91%, 97%, 72%
CMY	0.0941, 0.0274, 0.2784
CMYK	0.07, 0.00, 0.26, 0.03
HSL	76°, 82%, 85%
HSV	76°, 26%, 97%
XYZ	75.1741, 87.5844, 58.2908
YIQ	235.6210, 10.4120, -23.5080

Conversions

Conversions Part 2

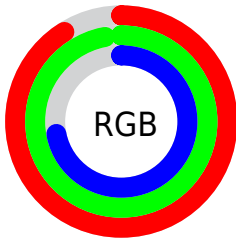
Format	Color
RYB	184, 248, 201
Decimal	15202488
CIELab	94.99, -15.99, 28.96
CIELCh	95, 33.080, 118.909
Yxy	87.5844, 0.3401, 0.3962
Android (android.graphics.Color)	4293392568 (0xFFE7F8B8)
YUV	235.6210, -25.4492, -4.0526
Hunter-Lab	93.5865, -20.3950, 28.5815

Details

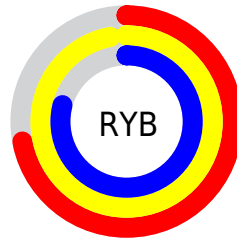
The XYZ color **75.1741, 87.5844, 58.2908** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.1747, 53.4782, 96.0680**, and the grayscale version is **79.6237, 83.7704, 91.2259**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **40.6256, 48.4519, 28.6837** is the 20% darker color. If you saturate the color by 10%, you get **70.7128, 85.5617, 45.6808**, and if you desaturate by 10%, it is **80.1758, 89.8384, 73.3086**.

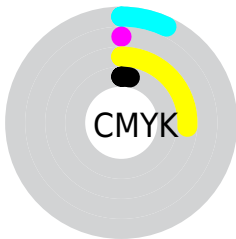
Distribution



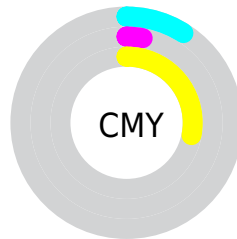
- Red (91%)
- Green (97%)
- Blue (72%)



- Red (72%)
- Yellow (97%)
- Blue (79%)



- Cyan (7%)
- Magenta (0%)
- Yellow (26%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1741, 87.5844, 58.2908 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 75.1741, 87.5844, 58.2908 by changing the saturation by 10% instead.

75.1741, 87.5844,
58.2908

75.1741, 87.5844,
58.2908

467.5037,
520.1413, 435.8971

56.0502, 65.9789,
41.6262

125.5454,
143.9784, 103.8652

40.4803, 48.2553,
28.4854

157.5235,
179.5358, 133.6120

28.0991, 34.0291,
18.4496

194.5170,
220.5125, 168.5568

18.5412, 22.9160,
11.1005

236.8913,
267.2931, 209.1179

11.4413, 14.5315,
6.0195

285.0118,
320.2618, 255.7140

6.4340, 8.4912,
2.7879

339.2438,

3.1539, 4.4108,

379.8032, 308.7635

0.9874

399.9526,
446.3015, 368.6850

■ 1.2356, 1.9059,
0.0000

■ 0.1342, 0.5519,
0.0000

■ 75.1741, 87.5844,
58.2908

■ 75.1741, 87.5844,
58.2908

■ 70.7128, 85.5617,
45.6808

■ 80.1758, 89.8384,
73.3086

■ 66.7605, 83.7489,
35.3477

■ 85.7341, 92.3214,
90.8447

■ 63.2926, 82.1388,
27.1566

■ 91.3196, 94.8248,
108.0977

■ 60.2794, 80.7196,
20.9561

■ 92.8592, 95.6185,
108.1697

■ 57.6876, 79.4777,
16.5752

■ 55.4783, 78.3976,
13.8139

■ 53.6036, 77.4600,
12.4247

■ 52.8871, 77.0972,
12.0938

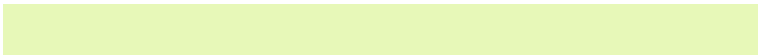
Harmonies

Analogous

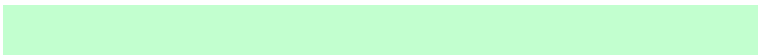
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5757, 87.5844, 53.9700



75.1741, 87.5844, 58.2908



69.3163, 87.5844, 72.0363

Triad

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



75.1741, 87.5844, 58.2908



74.6430, 87.5844, 144.2969



101.7338, 87.5844, 96.3097

Complementary

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



75.1741, 87.5844, 58.2908



58.1747, 53.4782, 96.0680

Split Complementary

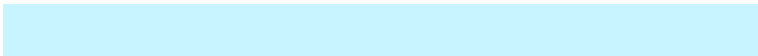
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.9278, 87.5844, 123.2528



75.1741, 87.5844, 58.2908



82.9178, 87.5844, 153.8528

Square

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



75.1741, 87.5844, 58.2908



69.0256, 87.5844, 121.3268



91.8767, 87.5844, 145.5422



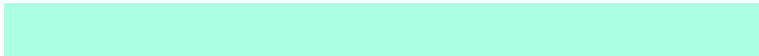
99.2973, 87.5844, 73.3983

Rectangle

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



75.1741, 87.5844, 58.2908



67.4236, 87.5844, 86.1629



91.8767, 87.5844, 145.5422



101.3691, 87.5844, 105.1990

Sweetspot

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



75.1764, 87.5883, 58.2927



89.9716, 97.7415, 92.4186



68.0205, 64.7284, 54.2574



19.0627, 20.8337, 19.1609



0.0000, 0.0000, 0.0000



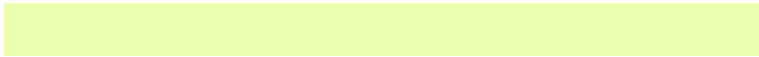
20.3446, 21.4041, 23.3091

Same Dimension

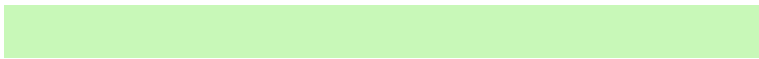
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1764, 87.5883, 58.2927



77.5222, 92.1445, 54.7482



66.0415, 82.8791, 57.8652



18.2511, 19.9452, 18.3503



28.7078, 41.7177, 6.5393



2.7590, 3.9154, 0.6103

Inverse Universe

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



58.1747, 53.4782, 96.0680



56.5792, 50.1151, 101.2989



67.3655, 58.2163, 96.4981



16.7155, 16.8660, 21.7598



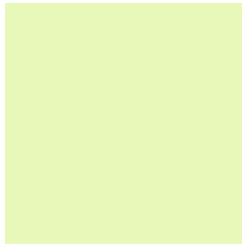
10.4749, 4.3427, 48.2597



1.0659, 0.4515, 4.4742

Previews

White Background



This preview shows how the XYZ color 75.1741, 87.5844, 58.2908 looks on a white background.

Color Contrast Check

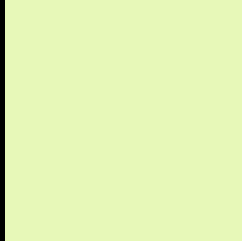
Large Text (above 18pt) WCAG AA × Fail

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 75.1741, 87.5844, 58.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

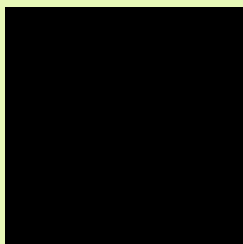
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

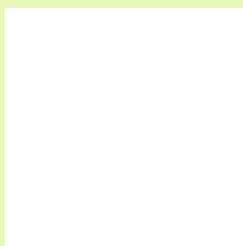
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1741, 87.5844, 58.2908

Background



This preview shows how black text looks on a background with the XYZ color 75.1741, 87.5844, 58.2908.

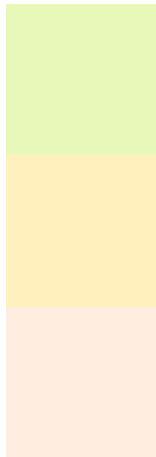


This preview shows how white text looks on a background with the XYZ color 75.1741, 87.5844,

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

75.1741, 87.5844, 58.2908

Protanopia

81.6944, 87.2979, 61.2596

Deuteranopia

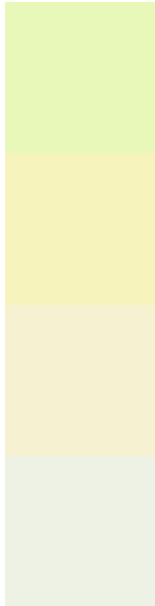
84.9787, 87.2102, 82.8754



Tritanopia

85.1921, 87.6538, 107.0365

Trichromacy



Original Color

75.1741, 87.5844, 58.2908

Protanomaly

79.1337, 87.3249, 60.2615

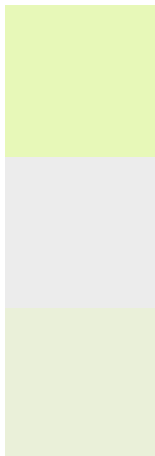
Deuteranomaly

80.9700, 87.1069, 72.8673

Tritanomaly

80.8200, 87.1659, 86.6938

Monochromacy



Original Color

75.1741, 87.5844, 58.2908

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

77.6162, 84.8224, 77.9272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1741, 87.5844, 58.2908 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(231, 248, 184)` looks like.

```
.text, #text, p{  
    color:rgb(231, 248, 184)  
}
```

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(231, 248, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 248, 184) }
```

Border

The CSS property to change the border of an element to XYZ 75.1741, 87.5844, 58.2908 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(231, 248, 184) }
```


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

```
.border{ border-color:rgb(231, 248, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 248, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 248, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 248, 184); box-shadow:4px 4px 4px 4px rgb(231, 248, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1741, 87.5844, 58.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 248, 184) }
```

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

```
.background{ background-color: rgb(231,  
248, 184) }
```

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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