

Converting Colors

XYZ(75.4247, 87.5538, 52.5193)

Have a look what the booklet for
XYZ(75.4247, 87.5538, 52.5193)
contains.

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Color

**XYZ(75.3957, 87.3715,
52.4258)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF7AD
RGB	236, 247, 173
RGB Percent	93%, 97%, 68%
CMY	0.0745, 0.0313, 0.3216
CMYK	0.04, 0.00, 0.30, 0.03
HSL	69°, 82%, 82%
HSV	69°, 30%, 97%
XYZ	75.3957, 87.3715, 52.4258
YIQ	235.2750, 17.1980, -25.3460

Conversions

Conversions Part 2

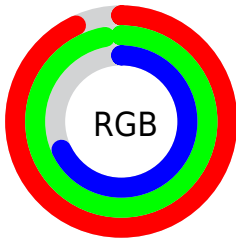
Format	Color
R_{YB}	173, 247, 184
Decimal	15529901
CIE _{Lab}	94.90, -15.15, 34.44
CIE _{LCh}	95, 37.628, 113.742
Yxy	87.3715, 0.3504, 0.4060
Android (android.graphics.Color)	4293719981 (0xFFE7AD)
YUV	235.2750, -30.7016, 0.6358
Hunter-Lab	93.4727, -19.5980, 32.1771

Details

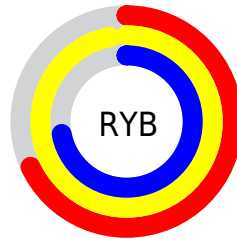
The XYZ color **75.3957, 87.3715, 52.4258** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **51.5025, 46.7952, 94.3185**, and the grayscale version is **79.3946, 83.5293, 90.9634**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **40.6114, 48.2014, 24.9326** is the 20% darker color. If you saturate the color by 10%, you get **72.0169, 85.8835, 40.9239**, and if you desaturate by 10%, it is **79.2460, 89.0570, 66.2597**.

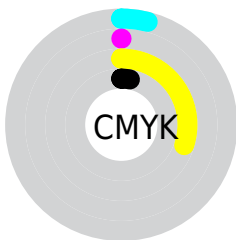
Distribution



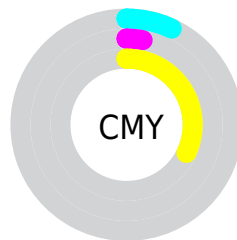
- Red (93%)
- Green (97%)
- Blue (68%)



- Red (68%)
- Yellow (97%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)





- Cyan (7%)
- Magenta (3%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3957, 87.3715, 52.4258 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 75.3957, 87.3715, 52.4258 by changing the saturation by 10% instead.


 75.3957, 87.3715,
52.4258

 75.3957, 87.3715,
52.4258


468.2528,
519.4428, 413.0819

 56.2324, 65.8027,
36.9600

 125.8573,
143.6818, 95.1919

 40.6270, 48.1122,
24.8810


157.8862,
179.1921, 123.3292

 28.2142, 33.9158,
15.7702


194.9345,
220.1184, 156.5275

 18.6284, 22.8289,
9.2091

237.3675,
266.8450, 195.2053

 11.5045, 14.4672,
4.7791

285.5504,
319.7564, 239.7811

 6.4770, 8.4463,
2.0618

339.8487,

 3.1807, 4.3819,

379.2369, 290.6734

0.5929

400.6277,
445.6709, 348.3008

■ 1.2500, 1.8894,
0.0000

■ 0.1453, 0.5420,
0.0000

■ 75.3957, 87.3715,
52.4258

■ 75.3957, 87.3715,
52.4258

■ 72.0169, 85.8835,
40.9239

■ 79.2460, 89.0570,
66.2597

■ 69.0783, 84.5715,
31.6200

■ 83.5837, 90.9373,
82.5386

■ 66.5552, 83.4286,
24.3750

■ 88.4323, 93.0250,
101.3748

■ 64.4178, 82.4427,
19.0318

■ 90.9861, 94.1977,
107.9942

■ 62.6316, 81.6002,
15.4107

■ 92.3202, 94.8854,
108.0567

■ 61.1559, 80.8847,
13.2974

■ 92.5526, 95.0052,
108.0675

■ 59.9233, 80.2692,
12.3380

■ 59.9186, 80.2669,
12.3350

Harmonies

Analogous

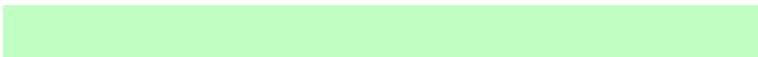
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2002, 87.3715, 49.5114



75.3957, 87.3715, 52.4258



68.2127, 87.3715, 65.6312

Triad

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



75.3957, 87.3715, 52.4258



71.9769, 87.3715, 147.9897



104.1038, 87.3715, 101.3875

Complementary

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



75.3957, 87.3715, 52.4258



51.5025, 46.7952, 94.3185

Split Complementary

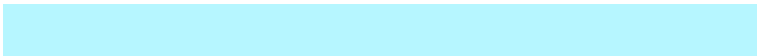
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.8829, 87.3715, 132.3667



75.3957, 87.3715, 52.4258



80.9245, 87.3715, 162.5979

Square

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



75.3957, 87.3715, 52.4258



66.3548, 87.3715, 119.5850



91.1928, 87.3715, 156.3627



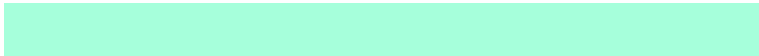
102.3203, 87.3715, 74.2639

Rectangle

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



75.3957, 87.3715, 52.4258



65.6038, 87.3715, 80.2587



91.1928, 87.3715, 156.3627



103.3298, 87.3715, 111.7394

Sweetspot

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



75.3979, 87.3754, 52.4277



90.3281, 97.9675, 90.5300



62.8096, 56.6057, 47.1520



19.1796, 20.9024, 18.7871



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

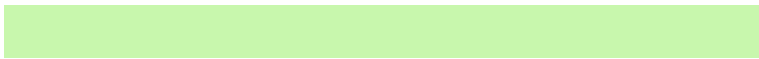
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3979, 87.3754, 52.4277



78.7833, 92.9336, 48.5300



64.6617, 81.8407, 51.9252



17.6583, 19.1814, 17.5693



31.7830, 42.4976, 6.5277



2.8579, 3.7683, 0.5767

Inverse Universe

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



51.5025, 46.7952, 94.3185



49.2805, 42.8152, 100.2745



61.2098, 51.7994, 94.7727



15.8105, 16.0449, 20.8062



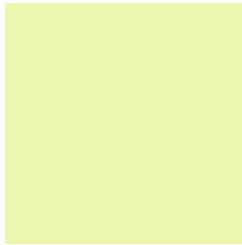
9.3492, 3.7940, 46.7776



0.8895, 0.3684, 4.1145

Previews

White Background



This preview shows how the XYZ color 75.3957, 87.3715, 52.4258 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 75.3957, 87.3715, 52.4258 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 75.3957, 87.3715, 52.4258

Background



This preview shows how black text looks on a background with the XYZ color 75.3957, 87.3715, 52.4258.



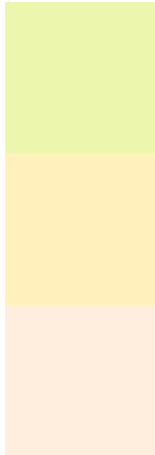
This preview shows how white text looks on a background with the XYZ color 75.3957, 87.3715,

52.4258.

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

75.3957, 87.3715, 52.4258

Protanopia

81.4772, 87.2110, 60.1161

Deuteranopia

84.7090, 87.1023, 81.4550



Tritanopia

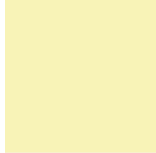
86.6920, 87.5625, 106.9398

Trichromacy



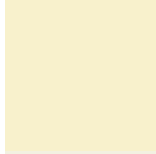
Original Color

75.3957, 87.3715, 52.4258



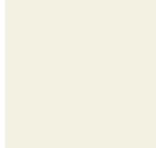
Protanomaly

79.3092, 87.4765, 57.5044



Deuteranomaly

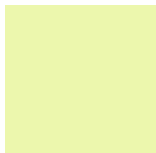
81.0658, 87.2267, 69.6906



Tritanomaly

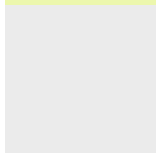
82.0081, 87.4015, 83.7821

Monochromacy



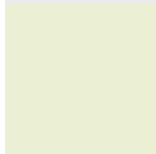
Original Color

75.3957, 87.3715, 52.4258



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

77.0111, 84.1486, 74.4707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3957, 87.3715, 52.4258 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(236, 247, 173)` looks like.

```
.text, #text, p{  
    color:rgb(236, 247, 173)  
}
```

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(236, 247, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 247, 173) }
```

Border

The CSS property to change the border of an element to XYZ 75.3957, 87.3715, 52.4258 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(236, 247, 173) }
```


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

```
.border{ border-color:rgb(236, 247, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 247, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 247, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 247, 173);  
box-shadow:4px 4px 4px 4px rgb(236, 247,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3957, 87.3715, 52.4258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 247, 173) }
```

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

```
.background{ background-color: rgb(236,  
247, 173) }
```

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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