

Converting Colors

XYZ(82.2532, 94.1800, 73.1971)

Have a look what the booklet for
XYZ(82.2532, 94.1800, 73.1971)
contains.

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Color

**XYZ(82.4051, 94.2512,
73.5236)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFD0
RGB	238, 255, 208
RGB Percent	93%, 100%, 82%
CMY	0.0667, 0.0000, 0.1843
CMYK	0.07, 0.00, 0.18, 0.00
HSL	82°, 100%, 91%
HSV	82°, 18%, 100%
XYZ	82.4051, 94.2512, 73.5236
YIQ	244.5590, 4.9550, -18.2210

Conversions

Conversions Part 2

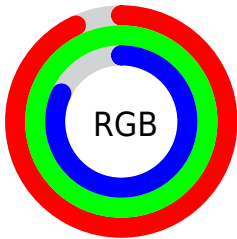
Format	Color
R _Y B	208, 255, 225
Decimal	15663056
CIE Lab	97.73, -13.46, 20.63
CIE LCh	98, 24.631, 123.123
Yxy	94.2512, 0.3294, 0.3767
Android (android.graphics.Color)	4293853136 (0xFFEEFFD0)
YUV	244.5590, -18.0236, -5.7522
Hunter-Lab	97.0831, -18.3827, 23.0562

Details

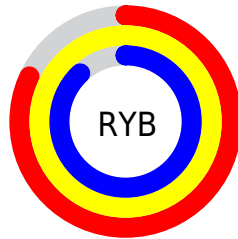
The XYZ color **82.4051, 94.2512, 73.5236** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.6581, 68.3405, 104.0220**, and the grayscale version is **86.5735, 91.0821, 99.1884**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2353, 52.6332, 37.9121** is the 20% darker color. If you saturate the color by 10%, you get **76.4978, 91.5397, 58.1656**, and if you desaturate by 10%, it is **88.9768, 97.2469, 91.5484**.

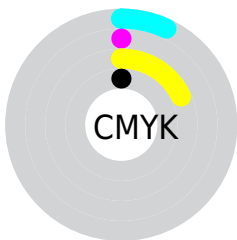
Distribution



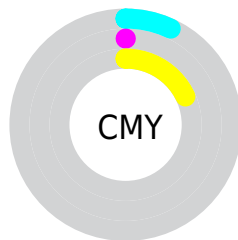
- Red (93%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4051, 94.2512, 73.5236 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 82.4051, 94.2512, 73.5236 by changing the saturation by 10% instead.


 82.4051, 94.2512,
73.5236

 82.4051, 94.2512,
73.5236


491.6157,
541.7650, 491.9469

 62.0148, 71.5119,
53.9098

135.6748,
153.2297, 125.9480

 45.3003, 52.7601,
38.1369


169.2849,
190.2377, 159.5958

 31.8963, 37.6113,
25.7863


208.0322,
232.7707, 198.7585

 21.4375, 25.6811,
16.4395

252.2822,
281.2132, 243.8548

 13.5584, 16.5852,
9.6780

302.4002,
335.9494, 295.3033

 7.8938, 9.9392,
5.0832

358.7515,

 4.0783, 5.3587,

397.3639, 353.5224

2.2365

421.7016,
465.8409, 418.9308

■ 1.7465, 2.4592,
0.6953

■ 0.4851, 0.8561,
0.0000

■ 82.4051, 94.2512,
73.5236

■ 82.4051, 94.2512,
73.5236

■ 76.4978, 91.5397,
58.1656

■ 88.9768, 97.2469,
91.5484

■ 71.2266, 89.1006,
45.3433

95.0500, 100.0000,
108.9000

■ 66.5637, 86.9227,
34.9211

■ 62.4781, 84.9932,
26.7486

■ 58.9357, 83.2981,
20.6590

■ 55.8977, 81.8217,
16.4617

■ 53.3188, 80.5455,
13.9319

■ 51.1362, 79.4442,
12.7540

■ 50.8167, 79.2820,
12.6246

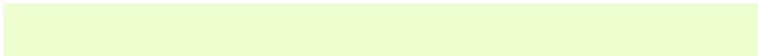
Harmonies

Analogous

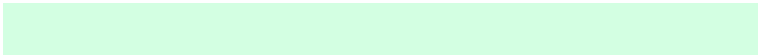
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8493, 94.2512, 68.6499



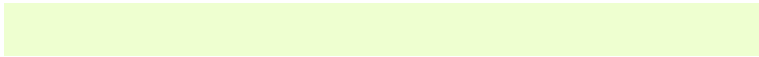
82.4051, 94.2512, 73.5236



78.0702, 94.2512, 86.1149

Triad

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



82.4051, 94.2512, 73.5236



83.6161, 94.2512, 141.1270



103.7537, 94.2512, 100.5312

Complementary

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



82.4051, 94.2512, 73.5236



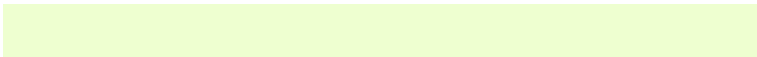
71.6581, 68.3405, 104.0220

Split Complementary

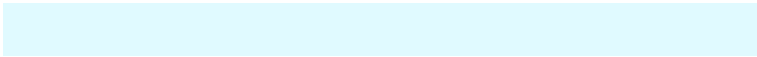
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.1752, 94.2512, 121.1177



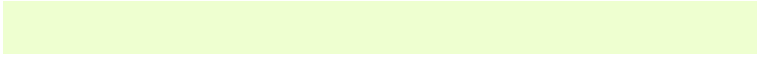
82.4051, 94.2512, 73.5236



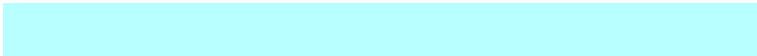
90.3206, 94.2512, 146.2835

Square

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



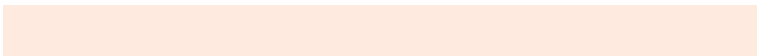
82.4051, 94.2512, 73.5236



78.7433, 94.2512, 125.2388



97.1659, 94.2512, 138.5377



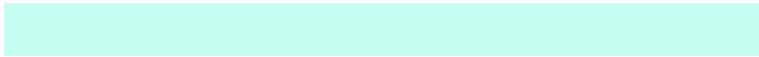
101.3743, 94.2512, 82.9091

Rectangle

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



82.4051, 94.2512, 73.5236



76.8346, 94.2512, 98.0623



97.1659, 94.2512, 138.5377



103.6687, 94.2512, 107.3241

Sweetspot

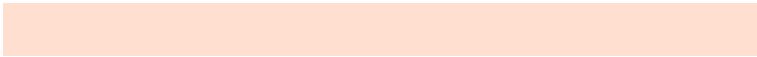
The Sweet Spot groups the original color and five complimentary colors.



82.4057, 94.2515, 73.5250



90.6769, 98.0189, 96.3450



79.4026, 79.3684, 70.8106



19.3099, 20.9353, 20.3424



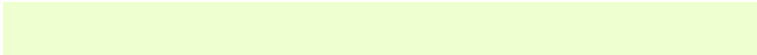
0.0000, 0.0000, 0.0000



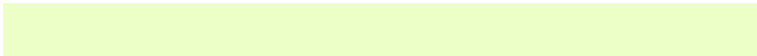
20.3446, 21.4041, 23.3091

Same Dimension

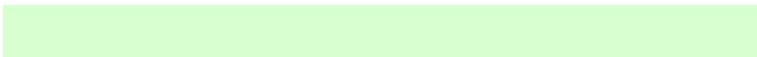
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4057, 94.2515, 73.5250



80.2221, 93.2515, 67.7432



75.1850, 90.5291, 73.1871



18.8867, 20.7430, 19.1527



26.7221, 41.5139, 6.6046



2.7215, 4.1038, 0.6487

Inverse Universe

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



71.6581, 68.3405, 104.0220



67.7214, 63.1106, 103.2200



79.3002, 72.2802, 104.3796



17.6232, 17.6975, 22.7371



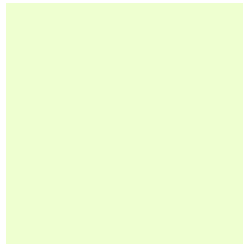
11.8981, 5.0442, 49.7811



1.2730, 0.5502, 4.8524

Previews

White Background



This preview shows how the XYZ color 82.4051, 94.2512, 73.5236 looks on a white background.

Color Contrast Check

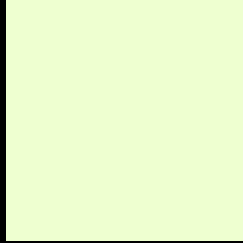
Large Text (above 18pt) WCAG AA × Fail

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 82.4051, 94.2512, 73.5236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

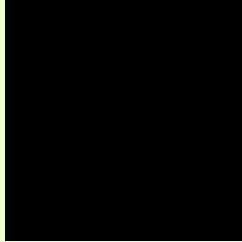
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

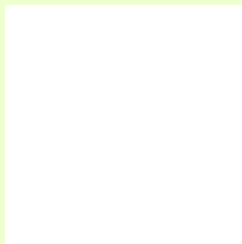
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4051, 94.2512, 73.5236

Background



This preview shows how black text looks on a background with the XYZ color 82.4051, 94.2512, 73.5236.



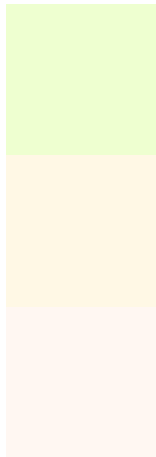
This preview shows how white text looks on a background with the XYZ color 82.4051, 94.2512,

73.5236.

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

82.4051, 94.2512, 73.5236

Protanopia

88.9503, 94.0519, 87.5944

Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

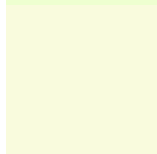
90.3288, 94.3113, 108.0508

Trichromacy



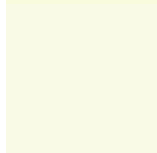
Original Color

82.4051, 94.2512, 73.5236



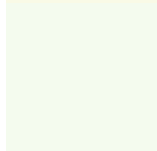
Protanomaly

86.6152, 94.3546, 82.0538



Deuteranomaly

87.5355, 94.2241, 88.4364



Tritanomaly

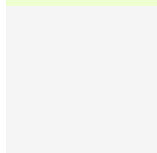
87.2380, 94.4005, 94.5121

Monochromacy



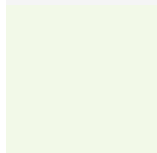
Original Color

82.4051, 94.2512, 73.5236



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.0591, 92.4548, 89.7064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4051, 94.2512, 73.5236 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(238, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 208)  
}
```

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(238, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 208) }
```

Border

The CSS property to change the border of an element to XYZ 82.4051, 94.2512, 73.5236 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(238, 255, 208) }
```


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

```
.border{ border-color:rgb(238, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4051, 94.2512, 73.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 208) }
```

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

```
.background{ background-color: rgb(238,  
255, 208) }
```

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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