

Converting Colors

XYZ(141.1231, 124.9922,
40.1891)

Have a look what the booklet for
XYZ(141.1231, 124.9922, 40.1891)
contains.

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Color

**XYZ(81.1972, 93.9498,
37.5215)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFE89
RGB	255, 254, 137
RGB Percent	100%, 100%, 54%
CMY	0.0000, 0.0039, 0.4627
CMYK	0.00, 0.00, 0.46, 0.00
HSL	59°, 100%, 77%
HSV	59°, 46%, 100%
XYZ	81.1972, 93.9498, 37.5215
YIQ	240.9610, 38.1530, -36.1750

Conversions

Conversions Part 2

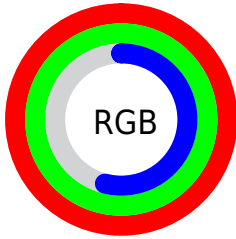
Format	Color
R_{YB}	138, 255, 137
Decimal	16776841
CIE _{Lab}	97.61, -15.28, 55.66
CIE _{LCh}	98, 57.723, 105.347
Yxy	93.9498, 0.3818, 0.4418
Android (android.graphics.Color)	4294966921 (0xFFFFFE89)
YUV	240.9610, -51.2528, 12.3122
Hunter-Lab	96.9277, -20.0924, 44.8978

Details

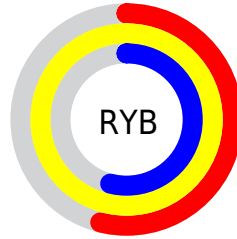
The XYZ color **81.1972, 93.9498, 37.5215** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.4550, 30.7145, 98.5620**, and the grayscale version is **83.9502, 88.3222, 96.1828**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **44.3314, 52.3084, 16.1475** is the 20% darker color. If you saturate the color by 10%, you get **79.5128, 93.1706, 28.9776**, and if you desaturate by 10%, it is **83.3184, 94.9107, 48.3457**.

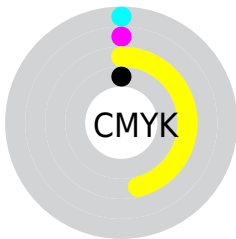
Distribution



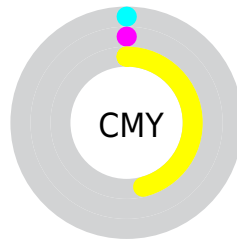
- Red (100%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (54%)



- Cyan (0%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.1972, 93.9498, 37.5215 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 81.1972, 93.9498, 37.5215 by changing the saturation by 10% instead.


 81.1972, 93.9498,
37.5215

 81.1972, 93.9498,
37.5215


487.6337,
540.7974, 350.7993


 61.0159, 71.2612,
25.3126


 133.9893,
152.8129, 72.5694

 44.4906, 52.5554,
16.0890


 167.3309,
189.7562, 96.2454

 31.2559, 37.4480,
9.4321


 205.7898,
232.2199, 124.5810

 20.9466, 25.5545,
4.9234

249.7316,
280.5883, 157.9945

 13.1972, 16.4907,
2.1445

299.5215,
335.2459, 196.9045

 7.6424, 9.8720,
0.6420

355.5249,

 3.9169, 5.3142,

396.5770, 241.7296

0.0000

418.1072,
464.9660, 292.8884

■ 1.6552, 2.4328,
0.0000

■ 0.4280, 0.8427,
0.0000

■ 81.1972, 93.9498,
37.5215

■ 81.1972, 93.9498,
37.5215

■ 79.5128, 93.1706,
28.9776

■ 83.3184, 94.9107,
48.3457

■ 78.2277, 92.5477,
22.5453

■ 85.8977, 96.0516,
61.5913

■ 77.3089, 92.0715,
18.0420

■ 88.9628, 97.3869,
77.3949

■ 76.7155, 91.7256,
15.2519

■ 92.5374, 98.9261,
95.8813

■ 76.3964, 91.4895, 95.0499, 100.0000,
13.9056 108.9000

■ 76.3191, 91.4182,
13.6230

Harmonies

Analogous

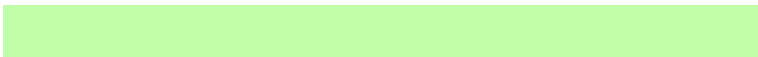
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.5248, 93.9498, 37.3764



81.1972, 93.9498, 37.5215



68.6644, 93.9498, 50.9921

Triad

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



81.1972, 93.9498, 37.5215



68.8917, 93.9498, 181.0560



123.4625, 93.9498, 126.9194

Complementary

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



81.1972, 93.9498, 37.5215



37.4550, 30.7145, 98.5620

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.



113.6957, 93.9498, 179.9249



81.1972, 93.9498, 37.5215



81.5445, 93.9498, 217.1019

Square

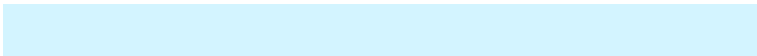
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1972, 93.9498, 37.5215



62.1759, 93.9498, 128.1452



97.9172, 93.9498, 216.6340



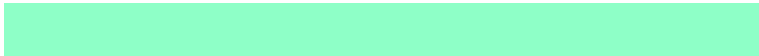
123.3397, 93.9498, 80.1789

Rectangle

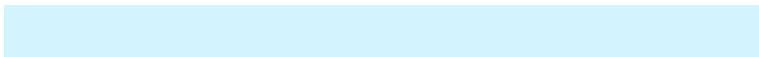
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1972, 93.9498, 37.5215



63.5625, 93.9498, 69.0203



97.9172, 93.9498, 216.6340



121.1793, 93.9498, 144.8437

Sweetspot

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



81.1995, 93.9541, 37.5234



89.7300, 97.7188, 81.3574



54.8441, 41.0154, 29.4407



19.0499, 20.8484, 16.6081



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

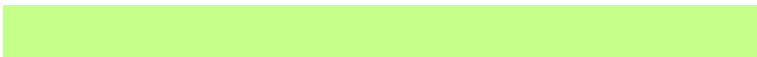
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1995, 93.9541, 37.5234



79.5536, 93.1900, 29.1822



63.5558, 85.3275, 36.7883



19.5474, 21.0630, 19.1796



39.8845, 47.7802, 7.1204



3.8875, 4.6603, 0.6946

Inverse Universe

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



37.4550, 30.7145, 98.5620



30.7076, 22.5780, 97.3473



49.2532, 36.5862, 99.0735



17.0153, 17.4022, 22.7121



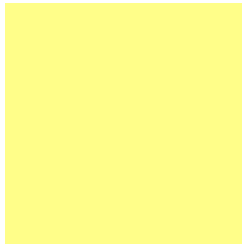
9.4490, 3.8075, 49.6715



0.9241, 0.3790, 4.8377

Previews

White Background



This preview shows how the XYZ color 81.1972, 93.9498, 37.5215 looks on a white background.

Color Contrast Check

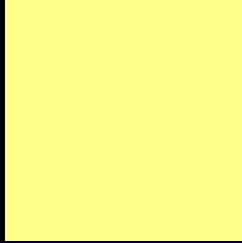
Large Text (above 18pt) WCAG AA × Fail

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 81.1972, 93.9498, 37.5215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

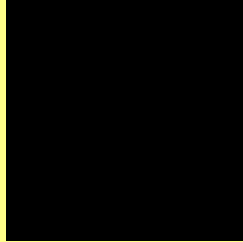
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1972, 93.9498, 37.5215

Background



This preview shows how black text looks on a background with the XYZ color 81.1972, 93.9498, 37.5215.



This preview shows how white text looks on a background with the XYZ color 81.1972, 93.9498,

37.5215.

Color Blindness Simulation

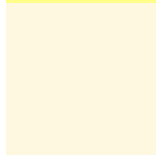
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



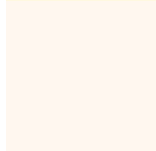
Original Color

81.1972, 93.9498, 37.5215



Protanopia

88.2619, 93.7766, 83.9698



Deuteranopia

90.0808, 94.0135, 95.0600



Tritanopia

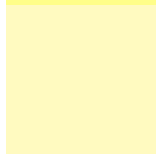
91.4631, 93.5931, 105.3401

Trichromacy



Original Color

81.1972, 93.9498, 37.5215



Protanomaly

84.9400, 93.4370, 63.4275



Deuteranomaly

86.0863, 93.8955, 69.4635



Tritanomaly

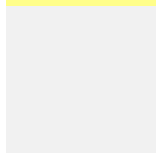
86.4403, 93.0479, 74.3769

Monochromacy



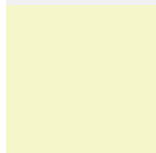
Original Color

81.1972, 93.9498, 37.5215



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.7413, 89.8162, 69.5279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1972, 93.9498, 37.5215 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(255, 254, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 137)  
}
```

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(255, 254, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 137) }
```

Border

The CSS property to change the border of an element to XYZ 81.1972, 93.9498, 37.5215 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(255, 254, 137) }
```


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

```
.border{ border-color:rgb(255, 254, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1972, 93.9498, 37.5215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 137) }
```

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

```
.background{ background-color: rgb(255,  
254, 137) }
```

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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