

Converting Colors

XYZ(73.0252, 85.0605, 47.2292)

Have a look what the booklet for
XYZ(73.0252, 85.0605, 47.2292)
contains.

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Color

**XYZ(72.8932, 84.8381,
47.1838)**

Conversions

Conversions Part 1

Format	Color
Hex	EA4A3
RGB	234, 244, 163
RGB Percent	92%, 96%, 64%
CMY	0.0824, 0.0431, 0.3608
CMYK	0.04, 0.00, 0.33, 0.04
HSL	67°, 79%, 80%
HSV	67°, 33%, 96%
XYZ	72.8932, 84.8381, 47.1838
YIQ	231.7760, 20.0410, -27.3110

Conversions

Conversions Part 2

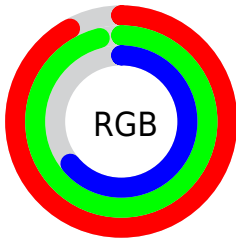
Format	Color
R_{YB}	163, 244, 173
Decimal	15398051
CIE _{Lab}	93.81, -15.66, 37.99
CIE _{LCh}	94, 41.089, 112.408
Yxy	84.8381, 0.3557, 0.4140
Android (android.graphics.Color)	4293588131 (0xFFEAF4A3)
YUV	231.7760, -33.9066, 1.9504
Hunter-Lab	92.1076, -19.9249, 34.1029

Details

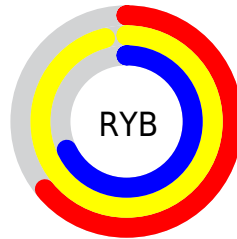
The XYZ color **72.8932, 84.8381, 47.1838** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.6631, 41.6124, 91.1654**, and the grayscale version is **76.7711, 80.7692, 87.9576**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **38.9292, 46.4393, 21.6638** is the 20% darker color. If you saturate the color by 10%, you get **69.9342, 83.5441, 36.7135**, and if you desaturate by 10%, it is **76.2952, 86.3171, 59.8799**.

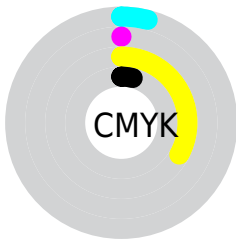
Distribution



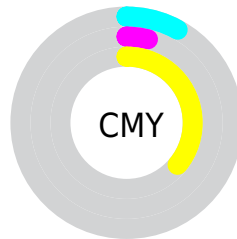
- Red (92%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)





- Cyan (8%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8932, 84.8381, 47.1838 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 72.8932, 84.8381, 47.1838 by changing the saturation by 10% instead.


 72.8932, 84.8381,
47.1838


 72.8932, 84.8381,
47.1838


459.7541,
511.0922, 391.9627

 54.1767, 63.7076,
32.8256


 122.3295,
140.1470, 87.3408

 38.9742, 46.4139,
21.7228


 153.7801,
175.0941, 113.9766

 26.9203, 32.5726,
13.4570


190.2060,
215.4156, 145.5421

 17.6496, 21.7992,
7.6096

231.9727,
261.4959, 182.4557

 10.7969, 13.7094,
3.7620

279.4455,
313.7193, 225.1360

 5.9967, 7.9189,
1.4957

332.9898,

 2.8837, 4.0431,

372.4702, 274.0016

0.2147

392.9708,
438.1330, 329.4710

■ 1.0926, 1.6977,
0.0000

■ 0.0189, 0.4222,
0.0000

■ 72.8932, 84.8381,
47.1838

■ 72.8932, 84.8381,
47.1838

■ 69.9342, 83.5441,
36.7135

■ 76.2952, 86.3171,
59.8799

■ 67.3873, 82.4139,
28.3355

■ 80.1562, 87.9788,
74.9145

■ 65.2278, 81.4406,
21.9102

■ 84.4993, 89.8352,
92.3989

■ 63.4253, 80.6121,
17.2788

■ 88.4283, 91.5280,
107.6137

61.9451, 79.9143,
14.2579

89.4945, 92.0777,
107.6636

60.7446, 79.3304,
12.6247

90.5780, 92.6362,
107.7144

60.0448, 78.9809,
12.0801

91.6425, 93.1850,
107.7642

Harmonies

Analogous

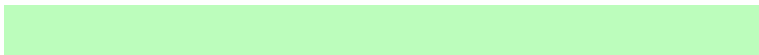
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4425, 84.8381, 44.6653



72.8932, 84.8381, 47.1838



65.1151, 84.8381, 60.3291

Triad

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



72.8932, 84.8381, 47.1838



68.4921, 84.8381, 148.6919



103.2937, 84.8381, 100.5502

Complementary

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



72.8932, 84.8381, 47.1838



46.6631, 41.6124, 91.1654

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.



98.4461, 84.8381, 134.1336



72.8932, 84.8381, 47.1838



77.8933, 84.8381, 165.7306

Square

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



72.8932, 84.8381, 47.1838



62.7387, 84.8381, 117.2483



88.9087, 84.8381, 159.8747



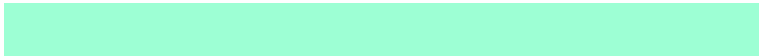
101.6495, 84.8381, 71.2932

Rectangle

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



72.8932, 84.8381, 47.1838



62.2296, 84.8381, 75.3636



88.9087, 84.8381, 159.8747



102.3553, 84.8381, 111.7695

Sweetspot

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



72.8953, 84.8419, 47.1856



90.0634, 97.8726, 88.6397



58.7603, 51.5563, 41.5058



19.1367, 20.8886, 18.4110



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

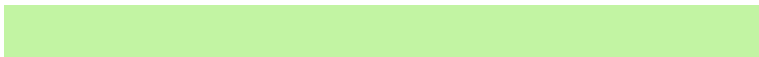
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8953, 84.8419, 47.1856



78.2654, 92.7681, 43.9180



61.2255, 78.8259, 46.6395



17.7014, 19.2036, 17.5713



32.7268, 42.9841, 6.5719



2.9318, 3.8065, 0.5802

Inverse Universe

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



46.6631, 41.6124, 91.1654



45.0833, 38.0662, 99.5791



56.8551, 46.8666, 91.6423



15.7713, 16.0248, 20.8044



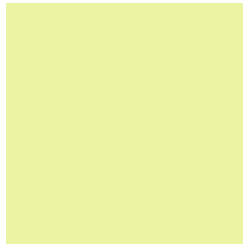
9.2321, 3.7336, 46.7721



0.8711, 0.3589, 4.1136

Previews

White Background



This preview shows how the XYZ color 72.8932, 84.8381, 47.1838 looks on a white background.

Color Contrast Check

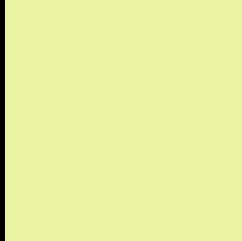
Large Text (above 18pt) WCAG AA × Fail

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 72.8932, 84.8381, 47.1838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

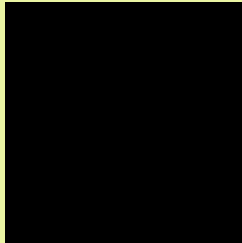
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

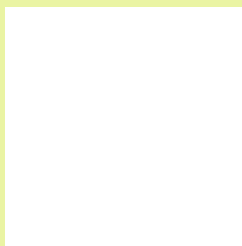
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8932, 84.8381, 47.1838

Background



This preview shows how black text looks on a background with the XYZ color 72.8932, 84.8381, 47.1838.



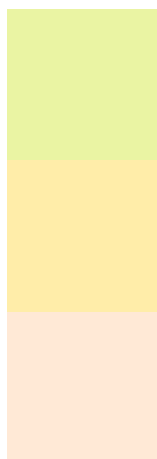
This preview shows how white text looks on a background with the XYZ color 72.8932, 84.8381,

47.1838.

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

72.8932, 84.8381, 47.1838

Protanopia

78.6856, 84.6929, 49.7363

Deuteranopia

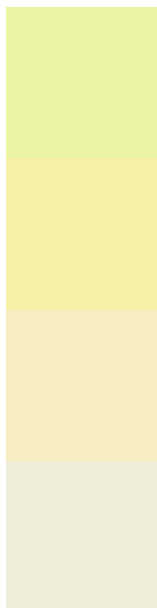
82.5165, 84.3929, 75.5587



Tritanopia

84.2077, 84.6553, 103.1687

Trichromacy



Original Color

72.8932, 84.8381, 47.1838

Protanomaly

76.4929, 84.8844, 48.9119

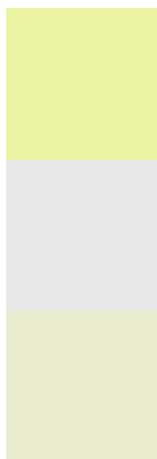
Deuteranomaly

78.4923, 84.2827, 63.7610

Tritanomaly

79.3460, 84.3836, 79.1235

Monochromacy



Original Color

72.8932, 84.8381, 47.1838

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

74.8622, 81.8195, 70.8786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8932, 84.8381, 47.1838 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(234, 244, 163)` looks like.

```
.text, #text, p{  
    color:rgb(234, 244, 163)  
}
```

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(234, 244, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 244, 163) }
```

Border

The CSS property to change the border of an element to XYZ 72.8932, 84.8381, 47.1838 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(234, 244, 163) }
```


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

```
.border{ border-color:rgb(234, 244, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 244, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 244, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 244, 163);  
box-shadow:4px 4px 4px 4px rgb(234, 244,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8932, 84.8381, 47.1838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 244, 163) }
```

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

```
.background{ background-color: rgb(234,  
244, 163) }
```

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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