

Converting Colors

XYZ(74.1345, 82.3593, 28.0481)

Have a look what the booklet for
XYZ(74.1345, 82.3593, 28.0481)
contains.

XYZ(74.2727, 82.4658, 27.9225)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.2727, 82.4658,
27.9225)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEC72
RGB	255, 236, 114
RGB Percent	100%, 93%, 45%
CMY	0.0000, 0.0745, 0.5529
CMYK	0.00, 0.07, 0.55, 0.00
HSL	52°, 100%, 72%
HSV	52°, 55%, 100%
XYZ	74.2727, 82.4658, 27.9225
YIQ	227.7730, 50.4860, -33.9140

Conversions

Conversions Part 2

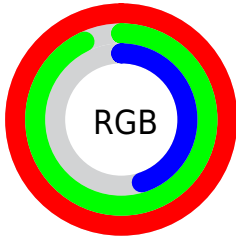
Format	Color
RYB	136, 255, 114
Decimal	16772210
CIELab	92.78, -8.34, 60.49
CIELCh	93, 61.058, 97.851
Yxy	82.4658, 0.4022, 0.4466
Android (android.graphics.Color)	4294962290 (0xFFFFEC72)
YUV	227.7730, -56.0901, 23.8781
Hunter-Lab	90.8107, -12.9262, 45.3370

Details

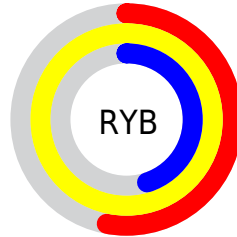
The XYZ color **74.2727, 82.4658, 27.9225** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **33.3768, 27.5716, 98.1700**, and the grayscale version is **73.9499, 77.8010, 84.7253**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **39.9018, 44.7045, 10.8008** is the 20% darker color. If you saturate the color by 10%, you get **72.0400, 80.0085, 20.9885**, and if you desaturate by 10%, it is **76.9329, 85.1307, 36.9965**.

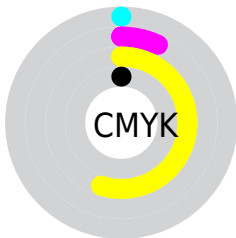
Distribution



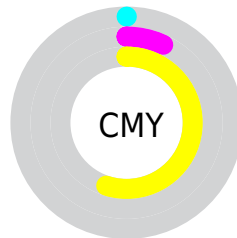
- Red (100%)
- Green (93%)
- Blue (45%)



- Red (53%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2727, 82.4658, 27.9225 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 74.2727, 82.4658, 27.9225 by changing the saturation by 10% instead.


 74.2727, 82.4658,
27.9225

 74.2727, 82.4658,
27.9225


464.4498,
503.2044, 305.9967


 55.3093, 61.7496,
18.0287


 124.2757,
136.8270, 57.3823

 39.8843, 44.8304,
10.8009


 156.0461,
171.2408, 77.7854

 27.6321, 31.3238,
5.8207


 192.8162,
210.9892, 102.5287

 18.1876, 20.8456,
2.6693

234.9514,
256.4566, 132.0307

 11.1852, 13.0112,
0.9279

282.8169,
308.0274, 166.7099

 6.2598, 7.4362,
0.0000

336.7783,

 3.0458, 3.7364,

366.0861, 206.9850

0.0000

397.2008,
431.0170, 253.2744

■ 1.1780, 1.5272,
0.0000

■ 0.0889, 0.3078,
0.0000

■ 74.2727, 82.4658,
27.9225

■ 74.2727, 82.4658,
27.9225

■ 72.0400, 80.0085,
20.9885

■ 76.9329, 85.1307,
36.9965

■ 70.1943, 77.7332,
16.0075

■ 80.0453, 88.0040,
48.3666

■ 68.6971, 75.6274,
12.7688

■ 83.6398, 91.1009,
62.1801

■ 67.4984, 73.6709,
11.0103

■ 87.7418, 94.4317,
78.5706

■ 67.0039, 72.7882,
10.5180

■ 92.3749, 98.0061,
97.6621

95.0498, 99.9999,
108.9000

Harmonies

Analogous

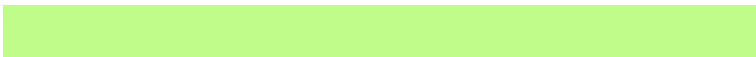
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5021, 82.4658, 30.5968



74.2727, 82.4658, 27.9225



61.0535, 82.4658, 36.8206

Triad

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



74.2727, 82.4658, 27.9225



56.6035, 82.4658, 155.0670



110.3007, 82.4658, 127.0790

Complementary

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



74.2727, 82.4658, 27.9225



33.3768, 27.5716, 98.1700

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.



98.7117, 82.4658, 178.3630



74.2727, 82.4658, 27.9225



67.3940, 82.4658, 197.9689

Square

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



74.2727, 82.4658, 27.9225



51.7922, 82.4658, 102.3102



82.6386, 82.4658, 207.6944



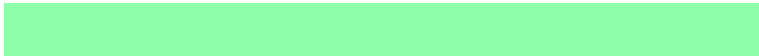
112.7966, 82.4658, 78.3376

Rectangle

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



74.2727, 82.4658, 27.9225



55.2090, 82.4658, 50.7431



82.6386, 82.4658, 207.6944



107.2703, 82.4658, 145.0079

Sweetspot

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



74.2747, 82.4697, 27.9242



87.0049, 93.8465, 75.5847



51.6415, 35.0489, 27.0215



18.4411, 19.9414, 15.4475



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

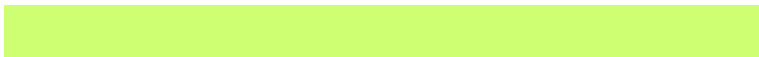
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2747, 82.4697, 27.9242



71.8975, 79.8420, 20.5743



64.1541, 85.8065, 29.1017



19.3403, 20.6487, 19.1106



35.0921, 38.1954, 5.5229



3.4721, 3.8295, 0.5562

Inverse Universe

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



33.3768, 27.5716, 98.1700



27.4608, 20.2484, 97.0687



39.2441, 27.0791, 97.7657



17.2003, 17.7721, 22.7738



9.7957, 4.5009, 49.7871



1.0115, 0.5537, 4.8668

Previews

White Background



This preview shows how the XYZ color 74.2727, 82.4658, 27.9225 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 74.2727, 82.4658, 27.9225 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 74.2727, 82.4658, 27.9225

Background



This preview shows how black text looks on a background with the XYZ color 74.2727, 82.4658, 27.9225.

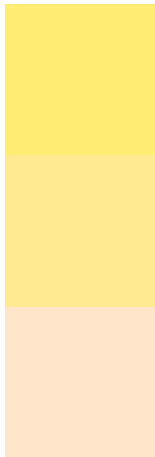


This preview shows how white text looks on a background with the XYZ color 74.2727, 82.4658,

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

74.2727, 82.4658, 27.9225

Protanopia

75.7737, 82.1500, 38.6509

Deuteranopia

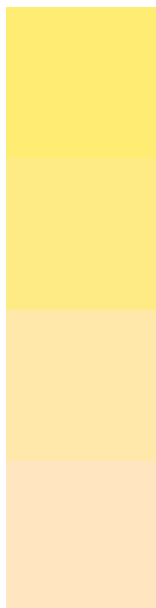
80.1975, 82.1179, 67.5006



Tritanopia

84.1417, 82.3712, 92.3534

Trichromacy



Original Color

74.2727, 82.4658, 27.9225

Protanomaly

75.2514, 82.3979, 34.4925

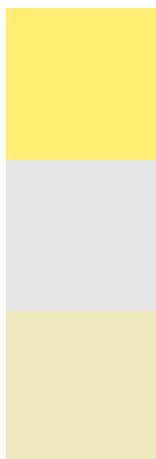
Deuteranomaly

77.3523, 81.8755, 49.7569

Tritanomaly

79.1625, 81.7039, 62.0502

Monochromacy



Original Color

74.2727, 82.4658, 27.9225

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.8054, 78.9168, 58.4089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2727, 82.4658, 27.9225 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, 236, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 114)  
}
```

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, 236, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 114) }
```

Border

The CSS property to change the border of an element to XYZ 74.2727, 82.4658, 27.9225 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, 236, 114) }
```


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

```
.border{ border-color:rgb(255, 236, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2727, 82.4658, 27.9225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 114) }
```

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

```
.background{ background-color: rgb(255,  
236, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor