

Converting Colors

XYZ(72.6373, 77.6849, 35.5924)

Have a look what the booklet for
XYZ(72.6373, 77.6849, 35.5924)
contains.

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Color

**XYZ(72.6373, 77.6849,
35.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE38B
RGB	253, 227, 139
RGB Percent	99%, 89%, 55%
CMY	0.0078, 0.1098, 0.4549
CMYK	0.00, 0.10, 0.45, 0.01
HSL	46°, 97%, 77%
HSV	46°, 45%, 99%
XYZ	72.6373, 77.6849, 35.5924
YIQ	224.7420, 43.7440, -21.8560

Conversions

Conversions Part 2

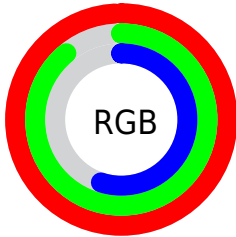
Format	Color
R _Y B	173, 253, 139
Decimal	16638859
CIE Lab	90.64, -2.50, 46.08
CIE LCh	91, 46.151, 93.109
Yxy	77.6849, 0.3907, 0.4179
Android (android.graphics.Color)	4294828939 (0xFFFDE38B)
YUV	224.7420, -42.2708, 24.7823
Hunter-Lab	88.1390, -7.1376, 37.7548

Details

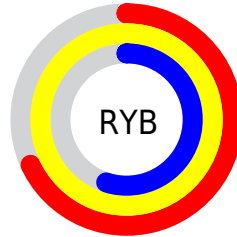
The XYZ color **72.6373, 77.6849, 35.5924** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **41.8319, 39.4898, 98.3458**, and the grayscale version is **71.6564, 75.3881, 82.0976**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **38.7210, 41.6625, 15.0177** is the 20% darker color. If you saturate the color by 10%, you get **69.4476, 73.9293, 26.4405**, and if you desaturate by 10%, it is **76.3115, 81.7246, 47.0178**.

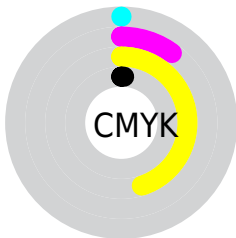
Distribution



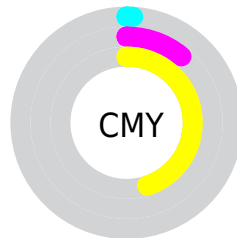
- Red (99%)
- Green (89%)
- Blue (55%)



- Red (68%)
- Yellow (99%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (45%)
- Black (1%)





- Cyan (1%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6373, 77.6849, 35.5924 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 72.6373, 77.6849, 35.5924 by changing the saturation by 10% instead.


 72.6373, 77.6849,
35.5924


 72.6373, 77.6849,
35.5924


458.8801,
487.0960, 342.1588


 53.9668, 57.8152,
23.8324


 121.9681,
130.1058, 69.5644

 38.8057, 41.6601,
14.9983


 153.3590,
163.4258, 92.6135

 26.7886, 28.8352,
8.6716


 189.7208,
201.9980, 120.2627

 17.5503, 18.9562,
4.4337

231.4189,
246.2068, 152.9305

 10.7253, 11.6386,
1.8662

278.8184,
296.4367, 191.0355

 5.9484, 6.4981,
0.4711

332.2849,

 2.8541, 3.1503,

353.0719, 234.9961

0.0000

392.1837,
416.4969, 285.2311

■ 1.0771, 1.2107,
0.0000

■ 0.0058, 0.0704,
0.0000

■ 72.6373, 77.6849,
35.5924

■ 72.6373, 77.6849,
35.5924

■ 69.4476, 73.9293,
26.4405

■ 76.3115, 81.7246,
47.0178

■ 66.7061, 70.4339,
19.3995

■ 80.4920, 86.0494,
60.8546

■ 64.3806, 67.1879,
14.2930

■ 85.2061, 90.6738,
77.2353

■ 62.4312, 64.1744,
10.9135

■ 90.4772, 95.6080,
96.2814

■ 60.8087, 61.3729,
9.0054

94.3179, 99.6226,
108.8657

■ 60.0930, 60.0527,
8.4241

Harmonies

Analogous

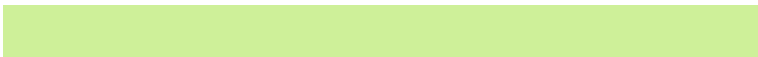
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3603, 77.6849, 39.5452



72.6373, 77.6849, 35.5924



62.3423, 77.6849, 41.6632

Triad

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



72.6373, 77.6849, 35.5924



56.7302, 77.6849, 124.3683



95.5028, 77.6849, 116.7896

Complementary

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



72.6373, 77.6849, 35.5924



41.8319, 39.4898, 98.3458

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.



86.6647, 77.6849, 149.9446



72.6373, 77.6849, 35.5924



64.2277, 77.6849, 155.0625

Square

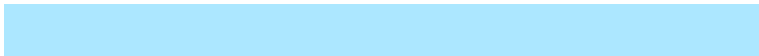
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6373, 77.6849, 35.5924



53.7809, 77.6849, 88.0880



75.0502, 77.6849, 165.4627



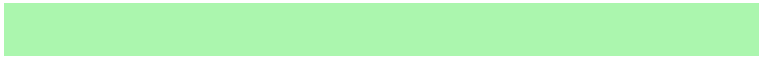
98.3466, 77.6849, 81.1774

Rectangle

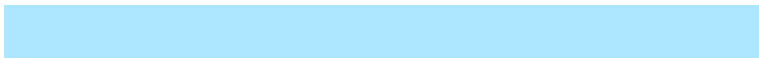
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6373, 77.6849, 35.5924



57.4393, 77.6849, 51.8212



75.0502, 77.6849, 165.4627



93.0920, 77.6849, 128.8732

Sweetspot

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



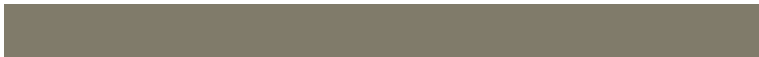
72.6392, 77.6885, 35.5940



87.2836, 92.8261, 80.5420



56.5874, 42.0872, 41.0264



18.4477, 19.6439, 16.4074



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.



72.6392, 77.6885, 35.5940



71.0174, 75.6491, 27.7810



70.0941, 87.7392, 37.6681



19.1894, 20.3469, 19.0603



32.0826, 32.1765, 4.5197



3.2054, 3.2962, 0.4673

Inverse Universe

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



41.8319, 39.4898, 98.3458



36.1262, 32.4221, 98.9618



43.4111, 34.0374, 97.2102



17.3390, 18.0496, 22.8200



10.3177, 5.5449, 49.9611



1.0827, 0.6960, 4.8906

Previews

White Background



This preview shows how the XYZ color 72.6373, 77.6849, 35.5924 looks on a white background.

Color Contrast Check

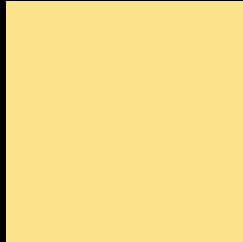
Large Text (above 18pt) WCAG AA × Fail

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 72.6373, 77.6849, 35.5924 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 72.6373, 77.6849, 35.5924

Background



This preview shows how black text looks on a background with the XYZ color 72.6373, 77.6849, 35.5924.



This preview shows how white text looks on a background with the XYZ color 72.6373, 77.6849,

35.5924.

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

72.6373, 77.6849, 35.5924

Protanopia

71.4705, 77.4906, 35.6164

Deuteranopia

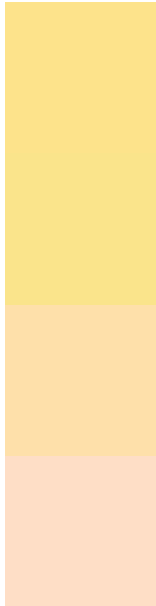
76.7048, 77.6662, 58.5252



Tritanopia

81.1370, 77.7492, 87.0747

Trichromacy



Original Color

72.6373, 77.6849, 35.5924

Protanomaly

71.8279, 77.6749, 35.6331

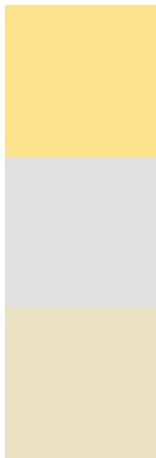
Deuteranomaly

74.7844, 77.2844, 49.0060

Tritanomaly

77.1874, 77.3906, 64.2957

Monochromacy



Original Color

72.6373, 77.6849, 35.5924

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.1949, 75.9499, 61.9464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6373, 77.6849, 35.5924 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(253, 227, 139)` looks like.

```
.text, #text, p{  
    color:rgb(253, 227, 139)  
}
```

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(253, 227, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 227, 139) }
```

Border

The CSS property to change the border of an element to XYZ 72.6373, 77.6849, 35.5924 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(253, 227, 139) }
```


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

```
.border{ border-color:rgb(253, 227, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 227, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 227, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 227, 139);  
box-shadow:4px 4px 4px 4px rgb(253, 227,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6373, 77.6849, 35.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 227, 139) }
```

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

```
.background{ background-color: rgb(253,  
227, 139) }
```

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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