

Converting Colors

XYZ(115.3653, 99.7634,
39.5177)

Have a look what the booklet for
XYZ(115.3653, 99.7634, 39.5177)
contains.

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Color

**XYZ(73.7431, 78.2118,
37.5953)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE390
RGB	255, 227, 144
RGB Percent	100%, 89%, 56%
CMY	0.0000, 0.1098, 0.4353
CMYK	0.00, 0.11, 0.44, 0.00
HSL	45°, 100%, 78%
HSV	45°, 44%, 100%
XYZ	73.7431, 78.2118, 37.5953
YIQ	225.9100, 43.3310, -19.8770

Conversions

Conversions Part 2

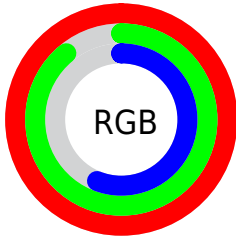
Format	Color
R _Y B	181, 255, 144
Decimal	16769936
CIE Lab	90.88, -1.23, 43.96
CIE LCh	91, 43.977, 91.605
Yxy	78.2118, 0.3890, 0.4126
Android (android.graphics.Color)	4294960016 (0xFFFFE390)
YUV	225.9100, -40.3816, 25.5119
Hunter-Lab	88.4374, -5.9242, 36.7017

Details

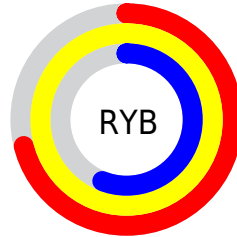
The XYZ color **73.7431, 78.2118, 37.5953** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.3037, 42.6529, 100.5052**, and the grayscale version is **72.4861, 76.2611, 83.0483**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **39.4492, 42.0135, 16.1554** is the 20% darker color. If you saturate the color by 10%, you get **70.2844, 74.0690, 27.8889**, and if you desaturate by 10%, it is **77.7116, 82.6694, 49.6449**.

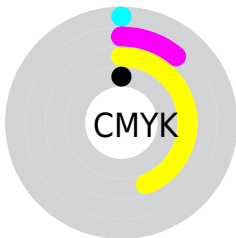
Distribution



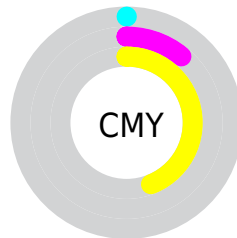
- Red (100%)
- Green (89%)
- Blue (56%)



- Red (71%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (11%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (11%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7431, 78.2118, 37.5953 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 73.7431, 78.2118, 37.5953 by changing the saturation by 10% instead.


 73.7431, 78.2118,
37.5953


 73.7431, 78.2118,
37.5953


462.6503,
488.8858, 351.1267

 54.8743, 58.2480,
25.3694


 123.5290,
130.8487, 72.6839

 39.5346, 42.0080,
16.1309


 155.1769,
164.2905, 96.3837

 27.3584, 29.1076,
9.4615


191.8152,
202.9938, 124.7452

 17.9806, 19.1622,
4.9425

233.8092,
247.3429, 158.1869

 11.0356, 11.7876,
2.1554

281.5244,
297.7223, 197.1273

 6.1583, 6.5992,
0.6485

335.3261,

 2.9831, 3.2127,

354.5163, 241.9851

0.0000

395.5796,
418.1093, 293.1787

■ 1.1449, 1.2438,
0.0000

■ 0.0621, 0.0970,
0.0000

■ 73.7431, 78.2118,
37.5953

■ 73.7431, 78.2118,
37.5953

■ 70.2844, 74.0690,
27.8889

■ 77.7116, 82.6694,
49.6449

■ 67.2990, 70.2167,
20.3627

■ 82.2119, 87.4430,
64.1764

■ 64.7543, 66.6435,
14.8402

■ 87.2718, 92.5479,
81.3234

■ 62.6105, 63.3324,
11.1152

■ 92.9151, 97.9945,
101.2084

■ 60.8191, 60.2627,
8.9365

95.0499, 99.9999,
108.9000

■ 59.8031, 58.3864,
8.1177

Harmonies

Analogous

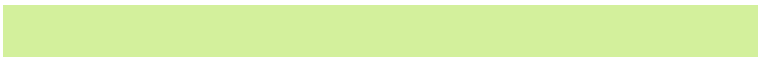
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9286, 78.2118, 41.9956



73.7431, 78.2118, 37.5953



63.7297, 78.2118, 43.0709

Triad

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



73.7431, 78.2118, 37.5953



57.6404, 78.2118, 121.2757



94.6830, 78.2118, 117.5690

Complementary

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



73.7431, 78.2118, 37.5953



44.3037, 42.6529, 100.5052

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.



86.0626, 78.2118, 148.3575



73.7431, 78.2118, 37.5953



64.6666, 78.2118, 150.8445

Square

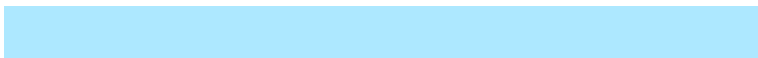
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7431, 78.2118, 37.5953



55.0230, 78.2118, 86.8790



74.9360, 78.2118, 161.8032



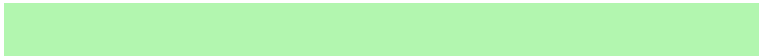
97.7145, 78.2118, 83.4625

Rectangle

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



73.7431, 78.2118, 37.5953



58.8695, 78.2118, 52.6271



74.9360, 78.2118, 161.8032



92.3033, 78.2118, 128.9174

Sweetspot

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



73.7450, 78.2154, 37.5969



87.5554, 92.8273, 82.3047



58.8147, 44.2477, 45.2819



18.4894, 19.6206, 16.7502



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.



73.7450, 78.2154, 37.5969



70.7819, 74.6836, 29.2273



73.1393, 90.2080, 39.9436



19.1506, 20.2693, 19.0474



31.3739, 30.7590, 4.2835



3.1417, 3.1688, 0.4461

Inverse Universe

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



44.3037, 42.6529, 100.5052



37.9946, 35.1105, 99.3822



44.5800, 35.7024, 99.1491



17.3752, 18.1220, 22.8321



10.4980, 5.9056, 50.0212



1.1048, 0.7402, 4.8979

Previews

White Background



This preview shows how the XYZ color 73.7431, 78.2118, 37.5953 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 73.7431, 78.2118, 37.5953 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 73.7431, 78.2118, 37.5953

Background



This preview shows how black text looks on a background with the XYZ color 73.7431, 78.2118, 37.5953.



This preview shows how white text looks on a background with the XYZ color 73.7431, 78.2118,

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

73.7431, 78.2118, 37.5953

Protanopia

72.1971, 78.2227, 38.0814

Deuteranopia

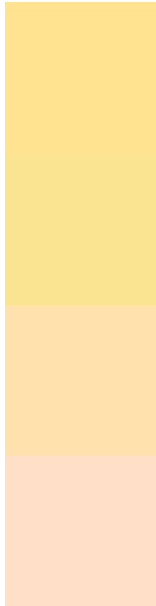
77.2996, 78.3329, 60.3358



Tritanopia

81.3987, 78.2726, 87.1619

Trichromacy



Original Color

73.7431, 78.2118, 37.5953

Protanomaly

72.6379, 78.0404, 38.0229

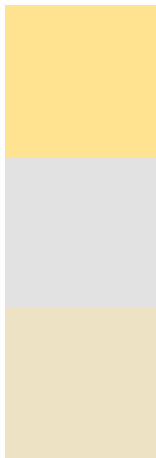
Deuteranomaly

75.8052, 78.1664, 51.1367

Tritanomaly

78.0530, 78.2055, 65.6249

Monochromacy



Original Color

73.7431, 78.2118, 37.5953

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.0852, 76.3828, 63.1686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7431, 78.2118, 37.5953 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, 227, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 144)  
}
```

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, 227, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 144) }
```

Border

The CSS property to change the border of an element to XYZ 73.7431, 78.2118, 37.5953 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, 227, 144) }
```


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

```
.border{ border-color:rgb(255, 227, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 227, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 227, 144); box-shadow:4px 4px 4px 4px rgb(255, 227, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7431, 78.2118, 37.5953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 144) }
```

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

```
.background{ background-color: rgb(255,  
227, 144) }
```

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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