

Converting Colors

XYZ(72.3385, 74.2559, 40.6634)

Have a look what the booklet for
XYZ(72.3385, 74.2559, 40.6634)
contains.

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Color

**XYZ(72.3213, 74.2229,
40.6517)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB99
RGB	255, 219, 153
RGB Percent	100%, 86%, 60%
CMY	0.0000, 0.1412, 0.4000
CMYK	0.00, 0.14, 0.40, 0.00
HSL	39°, 100%, 80%
HSV	39°, 40%, 100%
XYZ	72.3213, 74.2229, 40.6517
YIQ	222.2400, 42.6420, -12.8940

Conversions

Conversions Part 2

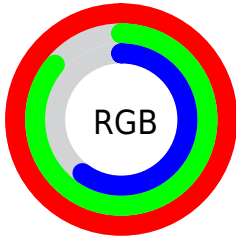
Format	Color
R _Y B	209, 255, 153
Decimal	16767897
CIE Lab	89.03, 3.76, 37.07
CIE LCh	89, 37.260, 84.201
Yxy	74.2229, 0.3863, 0.3965
Android (android.graphics.Color)	4294957977 (0xFFFFDB99)
YUV	222.2400, -34.1353, 28.7305
Hunter-Lab	86.1527, -0.9246, 32.3305

Details

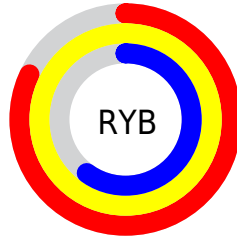
The XYZ color **72.3213, 74.2229, 40.6517** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3840, 50.3859, 101.7304**, and the grayscale version is **69.8150, 73.4508, 79.9879**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **38.6504, 39.3608, 17.8722** is the 20% darker color. If you saturate the color by 10%, you get **68.1521, 68.9025, 29.9582**, and if you desaturate by 10%, it is **77.0712, 79.9841, 53.7607**.

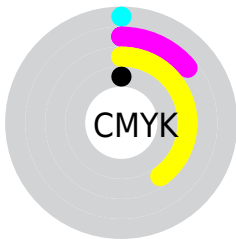
Distribution



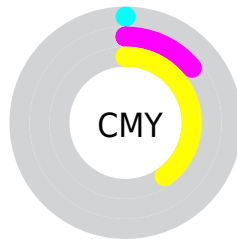
- Red (100%)
- Green (86%)
- Blue (60%)



- Red (82%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3213, 74.2229, 40.6517 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 72.3213, 74.2229, 40.6517 by changing the saturation by 10% instead.

 72.3213, 74.2229,
40.6517


 72.3213, 74.2229,
40.6517


457.7995,
475.2423, 364.4962

 53.7076, 54.9765,
27.7294


 121.5216,
125.2117, 77.4028

 38.5977, 39.3829,
17.8845


 152.8388,
157.7230, 102.0687

 26.6262, 27.0577,
10.6985


189.1213,
195.4246, 131.4861

 17.4278, 17.6166,
5.7529

230.7343,
238.7010, 166.0737

 10.6372, 10.6751,
2.6291

278.0433,
287.9365, 206.2500

 5.8889, 5.8488,
0.9074

331.4136,

 2.8177, 2.7534,

343.5157, 252.4335

0.0000

391.2105,
405.8228, 305.0427

■ 1.0581, 1.0044,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.3213, 74.2229,
40.6517

■ 72.3213, 74.2229,
40.6517

■ 68.1521, 68.9025,
29.9582

■ 77.0712, 79.9841,
53.7607

■ 64.5272, 63.9969,
21.5226

■ 82.4246, 86.1902,
69.4202

■ 61.4140, 59.4928,
15.1758

■ 88.4095, 92.8581,
87.7606

■ 58.7736, 55.3710,
10.7222

95.0500, 100.0000,
108.9000

■ 56.5596, 51.6097,
7.9290

■ 54.6978, 48.1756,
6.4160

■ 54.6977, 48.1754,
6.4159

Harmonies

Analogous

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



81.2341, 74.2229, 46.7315



72.3213, 74.2229, 40.6517



63.6442, 74.2229, 43.3196

Triad

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



72.3213, 74.2229, 40.6517



55.8216, 74.2229, 103.0399



85.6387, 74.2229, 113.6498

Complementary

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



72.3213, 74.2229, 40.6517



49.3840, 50.3859, 101.7304

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.



77.9309, 74.2229, 135.3919



72.3213, 74.2229, 40.6517



60.8403, 74.2229, 128.4057

Square

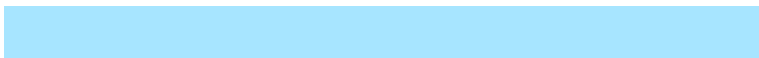
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3213, 74.2229, 40.6517



54.5972, 74.2229, 75.8797



68.8013, 74.2229, 141.3002



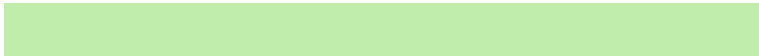
89.3341, 74.2229, 85.9621

Rectangle

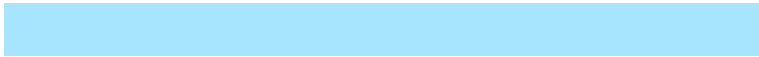
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3213, 74.2229, 40.6517



59.0861, 74.2229, 50.0688



68.8013, 74.2229, 141.3002



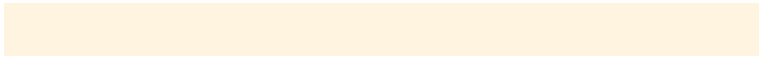
83.4008, 74.2229, 122.1144

Sweetspot

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



72.3231, 74.2264, 40.6532



87.1603, 91.4864, 83.8706



61.9698, 47.7785, 54.9015



18.4843, 19.3923, 17.4210



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.



72.3231, 74.2264, 40.6532



68.9413, 69.9328, 31.9105



77.9224, 92.5913, 43.9029



18.9902, 19.9487, 18.9939



28.7265, 25.4642, 3.4010



2.8999, 2.6851, 0.3654

Inverse Universe

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



49.3840, 50.3859, 101.7304



43.1446, 43.1437, 100.6613



45.2940, 38.1754, 99.5891



17.5274, 18.4264, 22.8828



11.4679, 7.8454, 50.3445



1.2148, 0.9603, 4.9346

Previews

White Background



This preview shows how the XYZ color 72.3213, 74.2229, 40.6517 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 72.3213, 74.2229, 40.6517 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 72.3213, 74.2229, 40.6517

Background



This preview shows how black text looks on a background with the XYZ color 72.3213, 74.2229, 40.6517.



This preview shows how white text looks on a background with the XYZ color 72.3213, 74.2229,

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

72.3213, 74.2229, 40.6517

Protanopia

69.1900, 74.5551, 41.7542

Deuteranopia

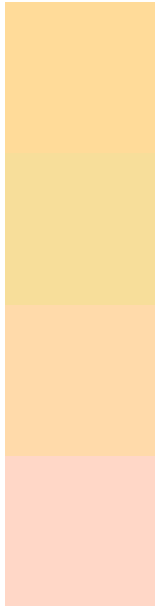
74.1895, 74.1404, 53.0481



Tritanopia

78.6249, 74.2847, 81.4286

Trichromacy



Original Color

72.3213, 74.2229, 40.6517

Protanomaly

70.3118, 74.3498, 41.2170

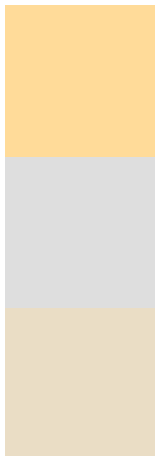
Deuteranomaly

73.5671, 74.3051, 48.4951

Tritanomaly

75.8492, 73.9844, 64.3156

Monochromacy



Original Color

72.3213, 74.2229, 40.6517

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.8662, 73.2365, 63.2770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3213, 74.2229, 40.6517 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, 219, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 153)  
}
```

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, 219, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 153) }
```

Border

The CSS property to change the border of an element to XYZ 72.3213, 74.2229, 40.6517 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, 219, 153) }
```


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

```
.border{ border-color:rgb(255, 219, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 153); box-shadow:4px 4px 4px 4px rgb(255, 219, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3213, 74.2229, 40.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 153) }
```

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

```
.background{ background-color: rgb(255,  
219, 153) }
```

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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