

Converting Colors

XYZ(72.0282, 73.9701, 39.5266)

Have a look what the booklet for
XYZ(72.0282, 73.9701, 39.5266)
contains.

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Color

**XYZ(72.0765, 74.1250,
39.3629)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB96
RGB	255, 219, 150
RGB Percent	100%, 86%, 59%
CMY	0.0000, 0.1412, 0.4118
CMYK	0.00, 0.14, 0.41, 0.00
HSL	39°, 100%, 79%
HSV	39°, 41%, 100%
XYZ	72.0765, 74.1250, 39.3629
YIQ	221.8980, 43.6050, -13.8270

Conversions

Conversions Part 2

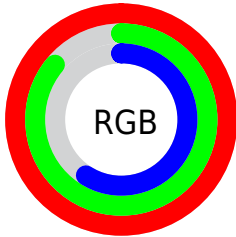
Format	Color
R _Y B	205, 255, 150
Decimal	16767894
CIE Lab	88.98, 3.45, 38.53
CIE LCh	89, 38.682, 84.886
Yxy	74.1250, 0.3884, 0.3995
Android (android.graphics.Color)	4294957974 (0xFFFFDB96)
YUV	221.8980, -35.4457, 29.0305
Hunter-Lab	86.0959, -1.2337, 33.1598

Details

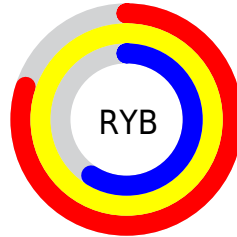
The XYZ color **72.0765, 74.1250, 39.3629** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.1860, 48.8202, 101.4911**, and the grayscale version is **69.5815, 73.2051, 79.7204**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **38.5060, 39.3031, 17.1120** is the 20% darker color. If you saturate the color by 10%, you get **68.0220, 68.9521, 28.9597**, and if you desaturate by 10%, it is **76.7013, 79.7231, 52.1621**.

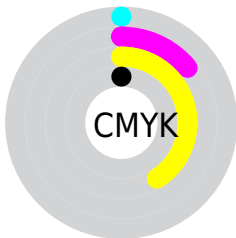
Distribution



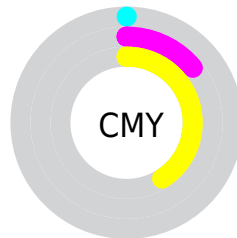
- Red (100%)
- Green (86%)
- Blue (59%)



- Red (80%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0765, 74.1250, 39.3629 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 72.0765, 74.1250, 39.3629 by changing the saturation by 10% instead.


 72.0765, 74.1250,
39.3629


 72.0765, 74.1250,
39.3629

456.9613,
474.9047, 358.9029

 53.5069, 54.8964,
26.7322


 121.1755,
125.0730, 75.4188

 38.4366, 39.3187,
17.1415


 152.4356,
157.5611, 99.6811

 26.5005, 27.0078,
10.1724


188.6565,
195.2379, 128.6576

 17.3331, 17.5791,
5.4063

230.2036,
238.4876, 162.7669

 10.5690, 10.6482,
2.4247

277.4423,
287.6948, 202.4275

 5.8430, 5.8308,
0.7999

330.7379,

 2.7896, 2.7425,

343.2438, 248.0580

0.0000

390.4558,
405.5189, 300.0770

■ 1.0435, 0.9988,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.0765, 74.1250,
39.3629

■ 72.0765, 74.1250,
39.3629

■ 68.0220, 68.9521,
28.9597

■ 76.7013, 79.7231,
52.1621

■ 64.5011, 64.1787,
20.7931

■ 81.9193, 85.7502,
67.4935

■ 61.4811, 59.7914,
14.6915

■ 87.7587, 92.2231,
85.4888

■ 58.9224, 55.7713,
10.4560

■ 94.2440, 99.1544,
106.2688

■ 56.7779, 52.0964, 95.0499, 100.0000,
7.8478 108.9000

■ 55.1661, 49.1124,
6.5721

Harmonies

Analogous

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



81.3657, 74.1250, 45.3504



72.0765, 74.1250, 39.3629



63.1207, 74.1250, 42.2814

Triad

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



72.0765, 74.1250, 39.3629



55.3016, 74.1250, 104.5010



86.2906, 74.1250, 114.2822

Complementary

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



72.0765, 74.1250, 39.3629



48.1860, 48.8202, 101.4911

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.



78.3334, 74.1250, 137.3376



72.0765, 74.1250, 39.3629



60.5635, 74.1250, 130.8675

Square

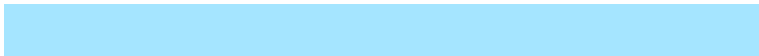
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0765, 74.1250, 39.3629



53.9465, 74.1250, 76.1842



68.8552, 74.1250, 143.9967



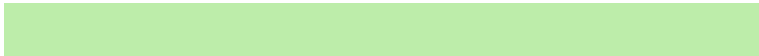
90.0251, 74.1250, 85.4106

Rectangle

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



72.0765, 74.1250, 39.3629



58.4570, 74.1250, 49.3186



68.8552, 74.1250, 143.9967



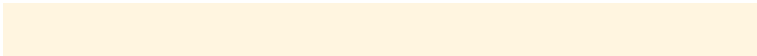
83.9885, 74.1250, 123.2027

Sweetspot

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



72.0783, 74.1285, 39.3644



87.2533, 91.6724, 83.9016



61.0897, 46.6506, 52.6590



18.5063, 19.4362, 17.4283



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.



72.0783, 74.1285, 39.3644



68.8579, 70.0435, 31.0272



76.9463, 92.1162, 42.5798



19.0062, 19.9806, 18.9992



28.9700, 25.9512, 3.4822



2.9224, 2.7302, 0.3730

Inverse Universe

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



48.1860, 48.8202, 101.4911



42.1847, 41.8121, 100.4549



44.6306, 37.1136, 99.4189



17.5120, 18.3957, 22.8777



11.3542, 7.6179, 50.3066



1.2024, 0.9356, 4.9305

Previews

White Background



This preview shows how the XYZ color 72.0765, 74.1250, 39.3629 looks on a white background.

Color Contrast Check

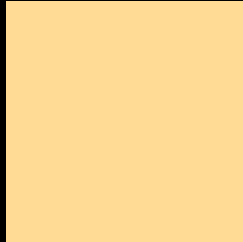
Large Text (above 18pt) WCAG AA × Fail

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 72.0765, 74.1250, 39.3629 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 72.0765, 74.1250, 39.3629

Background



This preview shows how black text looks on a background with the XYZ color 72.0765, 74.1250, 39.3629.



This preview shows how white text looks on a background with the XYZ color 72.0765, 74.1250,

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

72.0765, 74.1250, 39.3629

Protanopia

68.9411, 74.4556, 40.4435

Deuteranopia

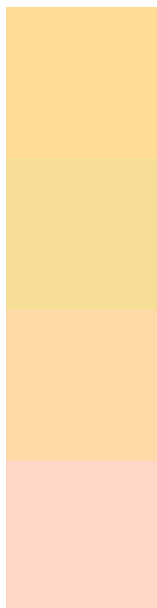
74.0887, 74.1001, 52.5173



Tritanopia

78.6249, 74.2847, 81.4286

Trichromacy



Original Color

72.0765, 74.1250, 39.3629

Protanomaly

70.0650, 74.2511, 39.9172

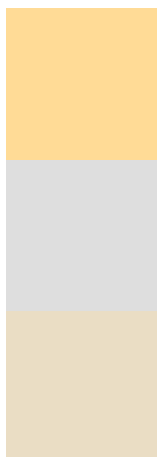
Deuteranomaly

73.3793, 74.2300, 47.5061

Tritanomaly

75.7335, 73.9381, 63.7060

Monochromacy



Original Color

72.0765, 74.1250, 39.3629

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.7519, 73.1909, 62.6755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0765, 74.1250, 39.3629 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 150) }
```

Border

The CSS property to change the border of an element to XYZ 72.0765, 74.1250, 39.3629 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, 150) }
```


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

```
.border{ border-color:rgb(255, 219, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0765, 74.1250, 39.3629 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, 150) }
```

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

```
.background{ background-color: rgb(255,  
219, 150) }
```

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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