

Converting Colors

XYZ(72.7093, 73.9551, 43.9992)

Have a look what the booklet for
XYZ(72.7093, 73.9551, 43.9992)
contains.

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Color

**XYZ(72.7444, 73.9760,
44.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAA1
RGB	255, 218, 161
RGB Percent	100%, 85%, 63%
CMY	0.0000, 0.1451, 0.3686
CMYK	0.00, 0.15, 0.37, 0.00
HSL	36°, 100%, 82%
HSV	36°, 37%, 100%
XYZ	72.7444, 73.9760, 44.1630
YIQ	222.5650, 40.3490, -9.8830

Conversions

Conversions Part 2

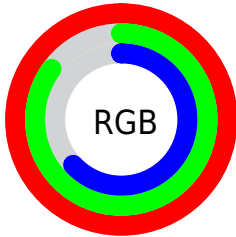
Format	Color
RYB	222, 255, 161
Decimal	16767649
CIELab	88.91, 5.16, 32.84
CIELCh	89, 33.238, 81.077
Yxy	73.9760, 0.3811, 0.3875
Android (android.graphics.Color)	4294957729 (0xFFFFDAA1)
YUV	222.5650, -30.3515, 28.4455
Hunter-Lab	86.0093, 0.4543, 29.7630

Details

The XYZ color **72.7444, 73.9760, 44.1630** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.9414, 55.1834, 102.4688**, and the grayscale version is **70.0206, 73.6671, 80.2235**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **38.8835, 39.1688, 19.9790** is the 20% darker color. If you saturate the color by 10%, you get **68.1973, 68.1209, 32.6617**, and if you desaturate by 10%, it is **77.9114, 80.3366, 58.1349**.

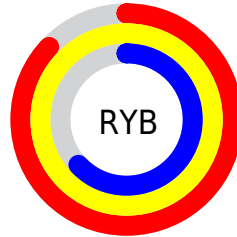
Distribution



Red (100%)

Green (85%)

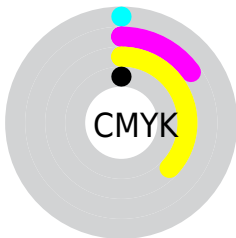
Blue (63%)



Red (87%)

Yellow (100%)

Blue (63%)

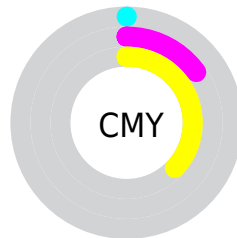


Cyan (0%)

Magenta (15%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7444, 73.9760, 44.1630 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 72.7444, 73.9760, 44.1630 by changing the saturation by 10% instead.


 72.7444, 73.9760,
44.1630


 72.7444, 73.9760,
44.1630


459.2460,
474.3905, 379.4338

 54.0546, 54.7744,
30.4605


 122.1194,
124.8618, 82.7681

 38.8762, 39.2211,
19.9334


 153.5353,
157.3148, 108.5077

 26.8437, 26.9318,
12.1630

189.9239,
194.9536, 139.0969

 17.5919, 17.5220,
6.7309

231.6507,
238.1628, 174.9541

 10.7553, 10.6074,
3.2185

279.0809,
287.3267, 216.4978

 5.9686, 5.8035,
1.2073

332.5800,

 2.8665, 2.7260,

342.8297, 264.1467

0.0000

392.5132,
405.0562, 318.3191

■ 1.0835, 0.9904,
0.0000

■ 0.0113, 0.0000,
0.0000

■ 72.7444, 73.9760,
44.1630

■ 72.7444, 73.9760,
44.1630

■ 68.1973, 68.1209,
32.6617

■ 77.9114, 80.3366,
58.1349

■ 64.2338, 62.7443,
23.4778

■ 83.7211, 87.2080,
74.7090

■ 60.8217, 57.8315,
16.4479

■ 90.2018, 94.6084,
94.0130

■ 57.9227, 53.3624,
11.3851

95.0500, 100.0000,
108.9000

■ 55.4925, 49.3144,
8.0699

■ 53.4753, 45.6605,
6.2247

■ 52.9020, 44.5840,
5.8173

Harmonies

Analogous

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



80.5097, 73.9760, 50.7057



72.7444, 73.9760, 44.1630



64.8825, 73.9760, 45.8131

Triad

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



72.7444, 73.9760, 44.1630



56.8146, 73.9760, 97.5937



83.0769, 73.9760, 111.7894

Complementary

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



72.7444, 73.9760, 44.1630



52.9414, 55.1834, 102.4688

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.



76.0362, 73.9760, 129.4896



72.7444, 73.9760, 44.1630



61.0139, 73.9760, 120.2659

Square

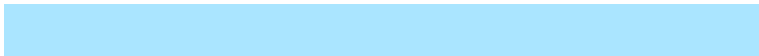
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7444, 73.9760, 44.1630



56.0807, 73.9760, 73.8543



67.9344, 73.9760, 132.8574



86.7676, 73.9760, 87.6329

Rectangle

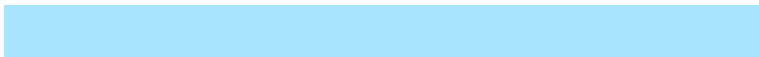
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7444, 73.9760, 44.1630



60.6088, 73.9760, 51.4976



67.9344, 73.9760, 132.8574



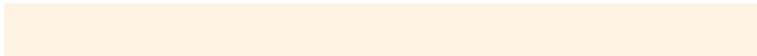
80.9992, 73.9760, 118.8702

Sweetspot

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



72.7463, 73.9794, 44.1645



87.4371, 91.4810, 85.6860



64.2478, 50.8555, 60.2203



18.5267, 19.3657, 17.7788



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.



72.7463, 73.9794, 44.1645



69.4381, 69.7477, 35.7101



80.0591, 93.6138, 47.5689



18.9261, 19.8203, 18.9725



27.7921, 23.5955, 3.0896



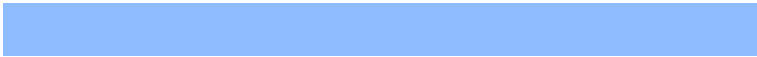
2.8126, 2.5105, 0.3363

Inverse Universe

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



52.9414, 55.1834, 102.4688



47.1043, 48.5642, 101.4989



47.4598, 41.3014, 100.0782



17.5894, 18.5505, 22.9035



11.9658, 8.8411, 50.5104



1.2679, 1.0664, 4.9523

Previews

White Background



This preview shows how the XYZ color 72.7444, 73.9760, 44.1630 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 72.7444, 73.9760, 44.1630 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 72.7444, 73.9760, 44.1630

Background



This preview shows how black text looks on a background with the XYZ color 72.7444, 73.9760, 44.1630.



This preview shows how white text looks on a background with the XYZ color 72.7444, 73.9760,

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

72.7444, 73.9760, 44.1630

Protanopia

68.9337, 73.9450, 45.2899

Deuteranopia

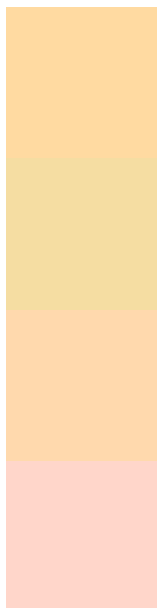
74.2911, 74.1810, 53.5828



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

72.7444, 73.9760, 44.1630

Protanomaly

70.0342, 73.7340, 44.7233

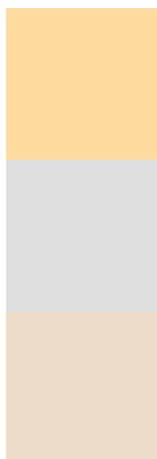
Deuteranomaly

73.5957, 73.9028, 49.9209

Tritanomaly

75.9472, 73.6174, 66.0838

Monochromacy



Original Color

72.7444, 73.9760, 44.1630

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.5427, 73.5452, 65.1212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7444, 73.9760, 44.1630 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, 218, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 161)  
}
```

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, 218, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 161) }
```

Border

The CSS property to change the border of an element to XYZ 72.7444, 73.9760, 44.1630 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, 218, 161) }
```


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

```
.border{ border-color:rgb(255, 218, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 218, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 218, 161); box-shadow:4px 4px 4px 4px rgb(255, 218, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7444, 73.9760, 44.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 161) }
```

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

```
.background{ background-color: rgb(255,  
218, 161) }
```

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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