

Converting Colors

XYZ(71.4951, 72.2298, 41.4266)

Have a look what the booklet for XYZ(71.4951, 72.2298, 41.4266) contains.

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Color

**XYZ(71.5412, 72.2612,
41.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD79C
RGB	255, 215, 156
RGB Percent	100%, 84%, 61%
CMY	0.0000, 0.1568, 0.3882
CMYK	0.00, 0.16, 0.39, 0.00
HSL	36°, 100%, 81%
HSV	36°, 39%, 100%
XYZ	71.5412, 72.2612, 41.6297
YIQ	220.2340, 42.7790, -9.8690

Conversions

Conversions Part 2

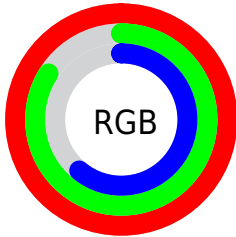
Format	Color
R_{YB}	223, 255, 156
Decimal	16766876
CIE _{Lab}	88.09, 6.14, 34.31
CIE _{LCh}	88, 34.859, 79.853
Yxy	72.2612, 0.3858, 0.3897
Android (android.graphics.Color)	4294956956 (0xFFFFD79C)
YUV	220.2340, -31.6674, 30.4898
Hunter-Lab	85.0066, 1.4633, 30.4689

Details

The XYZ color **71.5412, 72.2612, 41.6297** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4996, 53.7659, 102.2712**, and the grayscale version is **68.3859, 71.9473, 78.3506**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **38.0955, 38.0114, 18.4258** is the 20% darker color. If you saturate the color by 10%, you get **67.0639, 66.4069, 30.5794**, and if you desaturate by 10%, it is **76.6407, 78.6340, 55.1252**.

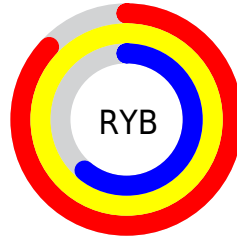
Distribution



Red (100%)

Green (84%)

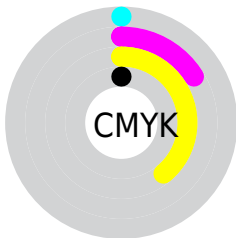
Blue (61%)



Red (87%)

Yellow (100%)

Blue (61%)

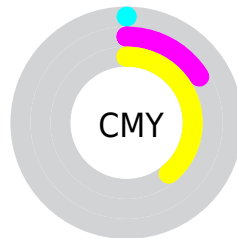


Cyan (0%)

Magenta (16%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5412, 72.2612, 41.6297 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 71.5412, 72.2612, 41.6297 by changing the saturation by 10% instead.


 71.5412, 72.2612,
41.6297


 71.5412, 72.2612,
41.6297


455.1256,
468.4502, 368.6999

 53.0681, 53.3721,
28.4880


 120.4183,
122.4278, 78.9029

 38.0848, 38.0999,
18.4516


 151.5531,
154.4741, 103.8715

 26.2260, 26.0602,
11.1019


187.6391,
191.6749, 133.6196

 17.1264, 16.8687,
6.0204

229.0418,
234.4146, 168.5656

 10.4205, 10.1409,
2.7885

276.1264,
283.0776, 209.1281

 5.7430, 5.4925,
0.9877

329.2583,

 2.7286, 2.5390,

338.0482, 255.7256

0.0000

388.8029,
399.7110, 308.7767

■ 1.0119, 0.8961,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.5412, 72.2612,
41.6297

■ 71.5412, 72.2612,
41.6297

■ 67.0639, 66.4069,
30.5794

■ 76.6407, 78.6340,
55.1252

■ 63.1716, 61.0434,
21.8182

■ 82.3859, 85.5315,
71.1999

■ 59.8313, 56.1552,
15.1789

■ 88.8057, 92.9723,
89.9833

■ 57.0034, 51.7214,
10.4691

95.0500, 100.0000,
108.9000

■ 54.6416, 47.7181,
7.4610

■ 52.6800, 44.1137,
5.8245

■ 52.4657, 43.7114,
5.6719

Harmonies

Analogous

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



79.5291, 72.2612, 48.5815



71.5412, 72.2612, 41.6297



63.3879, 72.2612, 42.9568

Triad

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



71.5412, 72.2612, 41.6297



54.6989, 72.2612, 95.2991



81.6596, 72.2612, 112.0959

Complementary

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



71.5412, 72.2612, 41.6297



51.4996, 53.7659, 102.2712

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.



74.2632, 72.2612, 130.1588



71.5412, 72.2612, 41.6297



58.8692, 72.2612, 119.1846

Square

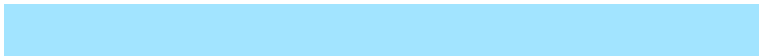
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5412, 72.2612, 41.6297



54.0988, 72.2612, 70.8762



65.9002, 72.2612, 132.9871



85.6756, 72.2612, 87.0369

Rectangle

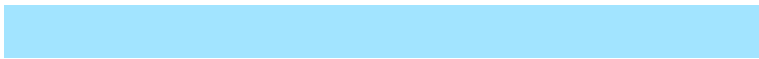
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5412, 72.2612, 41.6297



58.9261, 72.2612, 48.4716



65.9002, 72.2612, 132.9871



79.4595, 72.2612, 119.3847

Sweetspot

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



71.5430, 72.2646, 41.6312



86.6913, 90.5484, 83.7142



63.2357, 49.0804, 59.1149



18.3738, 19.1712, 17.3842



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.



71.5430, 72.2646, 41.6312



67.8356, 67.4372, 32.4184



80.0306, 93.6491, 45.3115



18.9097, 19.7876, 18.9671



27.5648, 23.1408, 3.0138



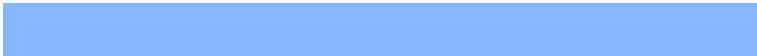
2.7911, 2.4676, 0.3292

Inverse Universe

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



51.4996, 53.7659, 102.2712



45.1166, 46.4848, 101.2023



45.3007, 38.9170, 99.7318



17.6054, 18.5824, 22.9088



12.1037, 9.1170, 50.5564



1.2823, 1.0953, 4.9571

Previews

White Background



This preview shows how the XYZ color 71.5412, 72.2612, 41.6297 looks on a white background.

Color Contrast Check

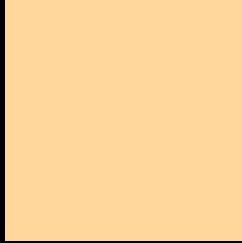
Large Text (above 18pt) WCAG AA × Fail

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 71.5412, 72.2612, 41.6297 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 71.5412, 72.2612, 41.6297

Background



This preview shows how black text looks on a background with the XYZ color 71.5412, 72.2612, 41.6297.



This preview shows how white text looks on a background with the XYZ color 71.5412, 72.2612,

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

71.5412, 72.2612, 41.6297

Protanopia

67.3744, 72.3932, 43.2232

Deuteranopia

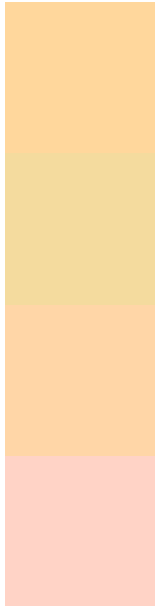
72.8294, 72.3703, 49.6655



Tritanopia

77.2253, 72.1349, 78.9604

Trichromacy



Original Color

71.5412, 72.2612, 41.6297

Protanomaly

68.8113, 72.3648, 42.6888

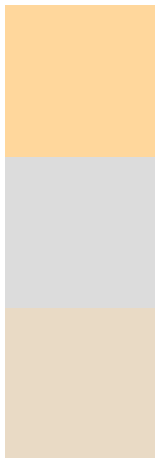
Deuteranomaly

72.2616, 72.1432, 46.6756

Tritanomaly

74.7273, 71.9257, 63.3706

Monochromacy



Original Color

71.5412, 72.2612, 41.6297

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.7537, 71.4977, 63.0000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5412, 72.2612, 41.6297 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, 215, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 156)  
}
```

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, 215, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 156) }
```

Border

The CSS property to change the border of an element to XYZ 71.5412, 72.2612, 41.6297 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, 215, 156) }
```


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

```
.border{ border-color:rgb(255, 215, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 215, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5412, 72.2612, 41.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 156) }
```

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

```
.background{ background-color: rgb(255,  
215, 156) }
```

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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