

Converting Colors

XYZ(70.6713, 72.2140, 36.1221)

Have a look what the booklet for
XYZ(70.6713, 72.2140, 36.1221)
contains.

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Color

**XYZ(70.7538, 72.3549,
36.2234)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD88F
RGB	255, 216, 143
RGB Percent	100%, 85%, 56%
CMY	0.0000, 0.1529, 0.4392
CMYK	0.00, 0.15, 0.44, 0.00
HSL	39°, 100%, 78%
HSV	39°, 44%, 100%
XYZ	70.7538, 72.3549, 36.2234
YIQ	219.3390, 46.6770, -14.4350

Conversions

Conversions Part 2

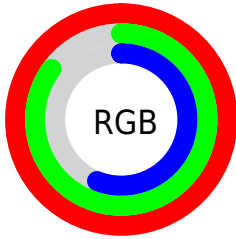
Format	Color
R_{YB}	203, 255, 143
Decimal	16767119
CIE Lab	88.14, 4.27, 40.97
CIE LCh	88, 41.191, 84.046
Yxy	72.3549, 0.3945, 0.4035
Android (android.graphics.Color)	4294957199 (0xFFFFD88F)
YUV	219.3390, -37.6351, 31.2747
Hunter-Lab	85.0617, -0.3827, 34.2946

Details

The XYZ color **70.7538, 72.3549, 36.2234** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.1051, 46.5139, 101.1557**, and the grayscale version is **67.7995, 71.3304, 77.6788**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **37.3981, 37.9808, 15.2575** is the 20% darker color. If you saturate the color by 10%, you get **66.8244, 67.2441, 26.4423**, and if you desaturate by 10%, it is **75.2488, 77.8940, 48.3606**.

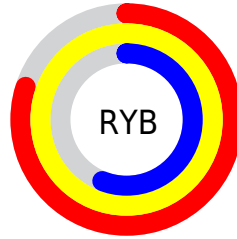
Distribution



Red (100%)

Green (85%)

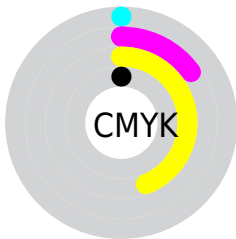
Blue (56%)



Red (80%)

Yellow (100%)

Blue (56%)

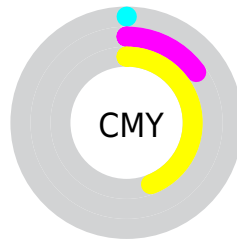


Cyan (0%)

Magenta (15%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7538, 72.3549, 36.2234 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 70.7538, 72.3549, 36.2234 by changing the saturation by 10% instead.


 70.7538, 72.3549,
36.2234


 70.7538, 72.3549,
36.2234


452.4176,
468.7759, 345.0028

 52.4231, 53.4486,
24.3157


 119.3035,
122.5610, 70.5497

 37.5681, 38.1610,
15.3536


 150.2533,
154.6296, 93.8053

 25.8233, 26.1077,
8.9186

186.1401,
191.8544, 121.6807

 16.8235, 16.9042,
4.5920

227.3293,
234.6199, 154.5944

 10.2033, 10.1662,
1.9554

274.1863,
283.3104, 192.9649

 5.5972, 5.5093,
0.5277

327.0765,

 2.6401, 2.5491,

338.3103, 237.2108

0.0000

386.3651,
400.0040, 287.7506

0.9664, 0.9011,
0.0000

0.0000, 0.0000,
0.0000

70.7538, 72.3549,
36.2234

70.7538, 72.3549,
36.2234

66.8244, 67.2441,
26.4423

75.2488, 77.8940,
48.3606

63.4232, 62.5354,
18.8535

80.3331, 83.8658,
62.9940

60.5159, 58.2148,
13.2793

86.0356, 90.2874,
80.2577

58.0614, 54.2624,
9.5116

92.3813, 97.1718,
100.2750

■ 56.0093, 50.6550, 95.0499, 100.0000,
7.2963 108.9000

■ 54.9159, 48.6119,
6.4887

Harmonies

Analogous

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



80.4966, 72.3549, 42.5377



70.7538, 72.3549, 36.2234



61.3418, 72.3549, 38.9162

Triad

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



70.7538, 72.3549, 36.2234



52.8903, 72.3549, 103.0047



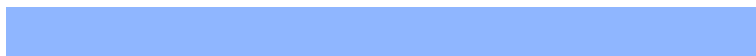
85.2631, 72.3549, 115.0974

Complementary

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



70.7538, 72.3549, 36.2234



46.1051, 46.5139, 101.1557

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.



76.7774, 72.3549, 139.3951



70.7538, 72.3549, 36.2234



58.2435, 72.3549, 131.3280

Square

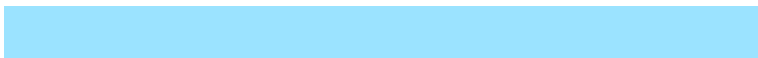
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7538, 72.3549, 36.2234



51.6075, 72.3549, 73.2906



66.8259, 72.3549, 145.9506



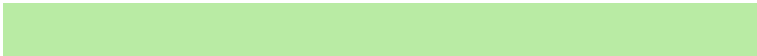
89.3720, 72.3549, 84.5415

Rectangle

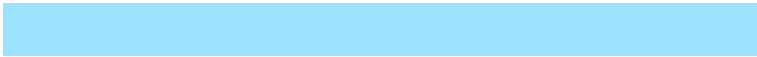
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7538, 72.3549, 36.2234



56.4308, 72.3549, 45.8828



66.8259, 72.3549, 145.9506



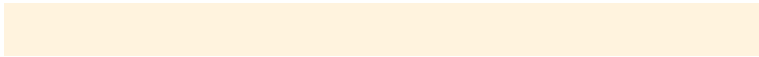
82.7910, 72.3549, 124.5345

Sweetspot

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



70.7556, 72.3583, 36.2249



86.5927, 90.9018, 81.9838



59.5271, 44.2913, 49.7769



18.2505, 19.1429, 16.6706



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.



70.7556, 72.3583, 36.2249



67.1638, 67.6978, 27.2487



76.0452, 91.7149, 39.6823



18.9977, 19.9636, 18.9964



28.8399, 25.6911, 3.4389



2.9104, 2.7061, 0.3689

Inverse Universe

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



46.1051, 46.5139, 101.1557



39.5761, 38.8046, 100.0119



42.3304, 34.3188, 99.0007



17.5202, 18.4120, 22.8804



11.4141, 7.7379, 50.3265



1.2090, 0.9486, 4.9327

Previews

White Background



This preview shows how the XYZ color 70.7538, 72.3549, 36.2234 looks on a white background.

Color Contrast Check

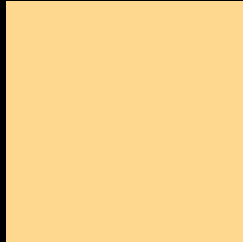
Large Text (above 18pt) WCAG AA × Fail

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 70.7538, 72.3549, 36.2234 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 70.7538, 72.3549, 36.2234

Background



This preview shows how black text looks on a background with the XYZ color 70.7538, 72.3549, 36.2234.



This preview shows how white text looks on a background with the XYZ color 70.7538, 72.3549,

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

70.7538, 72.3549, 36.2234

Protanopia

66.9025, 72.2825, 37.2138

Deuteranopia

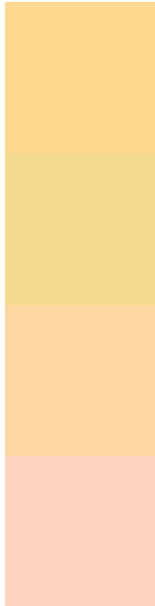
72.4480, 72.2177, 47.6571



Tritanopia

77.2253, 72.1349, 78.9604

Trichromacy



Original Color

70.7538, 72.3549, 36.2234

Protanomaly

68.0217, 72.0891, 36.7150

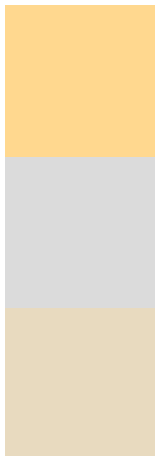
Deuteranomaly

71.8856, 72.3989, 43.4433

Tritanomaly

74.4091, 72.1972, 60.4658

Monochromacy



Original Color

70.7538, 72.3549, 36.2234

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.7541, 71.0602, 59.4352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7538, 72.3549, 36.2234 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, 216, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 143)  
}
```

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, 216, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 143) }
```

Border

The CSS property to change the border of an element to XYZ 70.7538, 72.3549, 36.2234 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, 216, 143) }
```


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

```
.border{ border-color:rgb(255, 216, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7538, 72.3549, 36.2234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 143) }
```

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

```
.background{ background-color: rgb(255,  
216, 143) }
```

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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