

Converting Colors

XYZ(73.3172, 71.6806, 57.0231)

Have a look what the booklet for
XYZ(73.3172, 71.6806, 57.0231)
contains.

XYZ(73.3862, 71.7457, 56.9941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.3862, 71.7457,
56.9941)**

Conversions

Conversions Part 1

Format	Color
Hex	FED4BB
RGB	254, 212, 187
RGB Percent	100%, 83%, 73%
CMY	0.0039, 0.1686, 0.2667
CMYK	0.00, 0.17, 0.26, 0.00
HSL	22°, 97%, 86%
HSV	22°, 26%, 100%
XYZ	73.3862, 71.7457, 56.9941
YIQ	221.7080, 33.0570, 1.1290

Conversions

Conversions Part 2

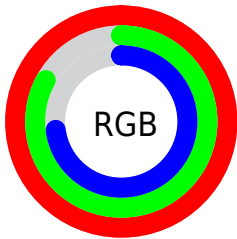
Format	Color
RYB	254, 227, 187
Decimal	16700603
CIELab	87.85, 11.09, 17.86
CIElCh	88, 21.023, 58.170
Yxy	71.7457, 0.3631, 0.3550
Android (android.graphics.Color)	4294890683 (0xFF FED4BB)
YUV	221.7080, -17.1110, 28.3201
Hunter-Lab	84.7028, 6.4217, 19.3974

Details

The XYZ color **73.3862, 71.7457, 56.9941** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4015, 73.7570, 104.5031**, and the grayscale version is **69.3273, 72.9377, 79.4292**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **39.1250, 37.5709, 27.7441** is the 20% darker color. If you saturate the color by 10%, you get **67.1187, 63.1840, 42.6552**, and if you desaturate by 10%, it is **80.5309, 81.2912, 73.9997**.

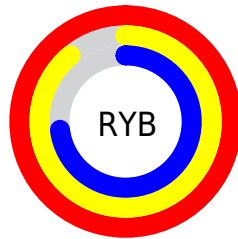
Distribution



Red (100%)

Green (83%)

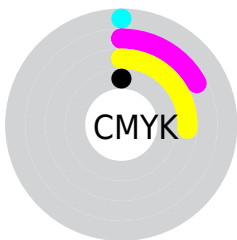
Blue (73%)



Red (100%)

Yellow (89%)

Blue (73%)

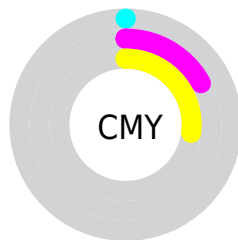


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3862, 71.7457, 56.9941 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 73.3862, 71.7457, 56.9941 by changing the saturation by 10% instead.


 73.3862, 71.7457,
56.9941

 73.3862, 71.7457,
56.9941


461.4353,
466.6560, 430.9203

 54.5813, 52.9510,
40.5912


 123.0255,
121.6949, 101.9568

 39.2991, 37.7636,
27.6825


154.5906,
153.6182, 131.3537

 27.1743, 25.7993,
17.8495


191.1399,
190.6864, 165.9190

 17.8414, 16.6735,
10.6737

233.0386,
233.2840, 206.0712

 10.9352, 10.0020,
5.7365

280.6521,
281.7954, 252.2289

 6.0902, 5.4003,
2.6193

334.3459,

 2.9412, 2.4840,

336.6049, 304.8106

0.9024

394.4851,
398.0970, 364.2349

■ 1.1228, 0.8686,
0.0000

■ 0.0440, 0.0000,
0.0000

■ 73.3862, 71.7457,
56.9941

■ 73.3862, 71.7457,
56.9941

■ 67.1187, 63.1840,
42.6552

■ 80.5309, 81.2912,
73.9997

■ 61.6862, 55.5636,
30.8413

■ 88.5814, 91.8418,
93.7947

■ 57.0509, 48.8530,
21.4043

94.6832, 99.8109,
108.8828

■ 53.1698, 43.0150,
14.1786

■ 49.9950, 38.0095,
8.9767

■ 47.4720, 33.7925,
5.5798

■ 45.5350, 30.3139,
3.7154

■ 44.9471, 29.2186,
3.2708

Harmonies

Analogous

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



77.0180, 71.7457, 65.8348



73.3862, 71.7457, 56.9941



68.4994, 71.7457, 53.7166

Triad

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



73.3862, 71.7457, 56.9941



59.0324, 71.7457, 77.2434



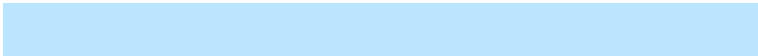
72.8295, 71.7457, 104.9749

Complementary

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



73.3862, 71.7457, 56.9941



66.4015, 73.7570, 104.5031

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.



67.8857, 71.7457, 108.9767



73.3862, 71.7457, 56.9941



60.0677, 71.7457, 91.8431

Square

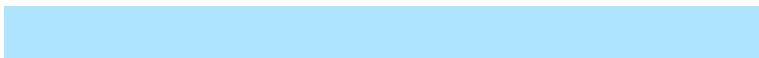
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3862, 71.7457, 56.9941



60.3501, 71.7457, 64.4861



63.2491, 71.7457, 103.9084



76.6857, 71.7457, 93.5491

Rectangle

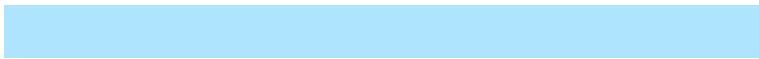
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3862, 71.7457, 56.9941



65.2396, 71.7457, 54.7816



63.2491, 71.7457, 103.9084



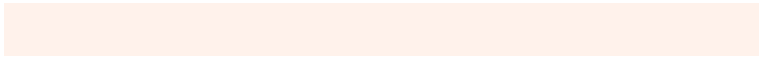
71.2325, 71.7457, 107.2899

Sweetspot

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



73.3881, 71.7490, 56.9956



87.9934, 90.8665, 91.1958



72.8474, 62.2937, 82.6314



18.5647, 19.0976, 18.8521



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.



73.3881, 71.7490, 56.9956



70.3798, 67.4091, 49.0402



82.5158, 90.0043, 60.0381



18.5647, 19.0976, 18.8521



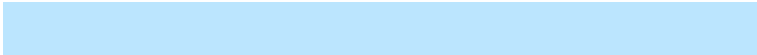
23.8261, 15.6634, 1.7676



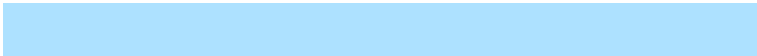
2.4205, 1.7264, 0.2056

Inverse Universe

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



66.4015, 73.7570, 104.5031



62.1748, 69.7551, 104.7949



58.1086, 57.1712, 101.7388



17.9518, 19.2752, 23.0243



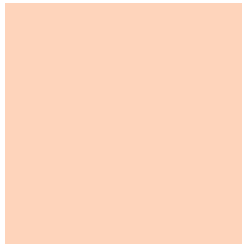
16.1327, 17.1750, 51.8994



1.6757, 1.8821, 5.0882

Previews

White Background



This preview shows how the XYZ color 73.3862, 71.7457, 56.9941 looks on a white background.

Color Contrast Check

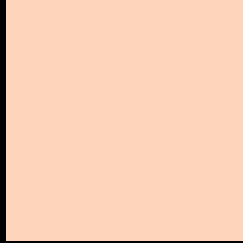
Large Text (above 18pt) WCAG AA × Fail

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 73.3862, 71.7457, 56.9941 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 73.3862, 71.7457, 56.9941

Background



This preview shows how black text looks on a background with the XYZ color 73.3862, 71.7457, 56.9941.



This preview shows how white text looks on a background with the XYZ color 73.3862, 71.7457,

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

73.3862, 71.7457, 56.9941

Protanopia

67.9522, 71.9369, 59.5940

Deuteranopia

73.3862, 71.7457, 56.9941



Tritanopia

77.1152, 71.6995, 79.5870

Trichromacy



Original Color

73.3862, 71.7457, 56.9941

Protanomaly

69.7037, 71.6941, 58.8798

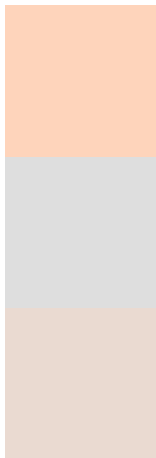
Deuteranomaly

73.3862, 71.7457, 56.9941

Tritanomaly

75.6733, 71.5141, 70.7879

Monochromacy



Original Color

73.3862, 71.7457, 56.9941

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.5117, 72.2387, 70.5487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3862, 71.7457, 56.9941 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(254, 212, 187)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 187)  
}
```

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(254, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 187) }
```

Border

The CSS property to change the border of an element to XYZ 73.3862, 71.7457, 56.9941 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(254, 212, 187) }
```


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

```
.border{ border-color:rgb(254, 212, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 212, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 187);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3862, 71.7457, 56.9941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 187) }
```

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

```
.background{ background-color: rgb(254,  
212, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor