

Converting Colors

XYZ(73.2824, 72.9614, 50.7874)

Have a look what the booklet for
XYZ(73.2824, 72.9614, 50.7874)
contains.

XYZ(73.2783, 72.9560, 50.7772)	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(73.2783, 72.9560,
50.7772)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7AF
RGB	255, 215, 175
RGB Percent	100%, 84%, 69%
CMY	0.0000, 0.1568, 0.3137
CMYK	0.00, 0.16, 0.31, 0.00
HSL	30°, 100%, 84%
HSV	30°, 31%, 100%
XYZ	73.2783, 72.9560, 50.7772
YIQ	222.4000, 36.6800, -3.9600

Conversions

Conversions Part 2

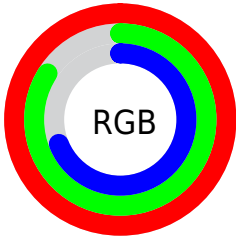
Format	Color
R_{YB}	255, 255, 175
Decimal	16766895
CIE _{Lab}	88.43, 8.36, 24.95
CIE _{LCh}	88, 26.314, 71.476
Yxy	72.9560, 0.3719, 0.3703
Android (android.graphics.Color)	4294956975 (0xFFFFD7AF)
YUV	222.4000, -23.3682, 28.5902
Hunter-Lab	85.4143, 3.6630, 24.5432

Details

The XYZ color **73.2783, 72.9560, 50.7772** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0289, 64.9328, 103.9772**, and the grayscale version is **69.8574, 73.4955, 80.0366**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **39.1096, 38.4171, 23.7663** is the 20% darker color. If you saturate the color by 10%, you get **67.8861, 65.8083, 37.7686**, and if you desaturate by 10%, it is **79.4000, 80.8055, 66.3638**.

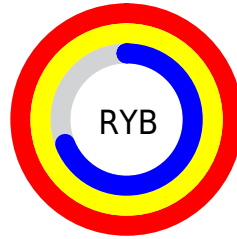
Distribution



Red (100%)

Green (84%)

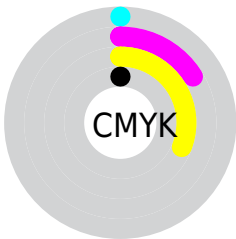
Blue (69%)



Red (100%)

Yellow (100%)

Blue (69%)

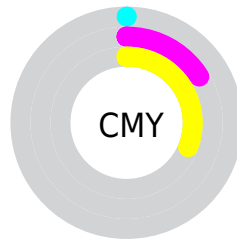


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2783, 72.9560, 50.7772 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 73.2783, 72.9560, 50.7772 by changing the saturation by 10% instead.


 73.2783, 72.9560,
50.7772

 73.2783, 72.9560,
50.7772


461.0677,
470.8623, 406.5193

 54.4927, 53.9400,
35.6558


 122.8732,
123.4147, 92.7335

 39.2280, 38.5537,
23.8809


154.4133,
155.6263, 120.4055

 27.1186, 26.4127,
15.0339


190.9356,
193.0051, 153.0981

 17.7994, 17.1326,
8.6963

232.8054,
235.9356, 191.2298

 10.9049, 10.3291,
4.4495

280.3882,
284.8021, 235.2193

 6.0697, 5.6177,
1.8751

334.0493,

 2.9286, 2.6140,

339.9892, 285.4850

0.4768

394.1540,
401.8811, 342.4455

■ 1.1161, 0.9337,
0.0000

■ 0.0385, 0.0000,
0.0000

■ 73.2783, 72.9560,
50.7772

■ 73.2783, 72.9560,
50.7772

■ 67.8861, 65.8083,
37.7686

■ 79.4000, 80.8055,
66.3638

■ 63.1857, 59.3302,
27.1910

■ 86.2761, 89.3678,
84.6553

■ 59.1435, 53.5015,
18.8895

■ 93.9365, 98.6660,
105.7756

■ 55.7205, 48.2967,
12.6891

■ 95.0500, 100.0000,
108.9000

■ 52.8726, 43.6879,
8.3886

■ 50.5476, 39.6435,
5.7470

■ 48.8964, 36.5727,
4.4821

Harmonies

Analogous

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



78.8590, 72.9560, 58.5299



73.2783, 72.9560, 50.7772



66.9509, 72.9560, 49.9594

Triad

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



73.2783, 72.9560, 50.7772



58.0941, 72.9560, 86.5698



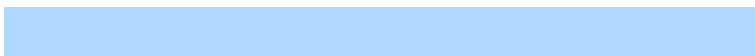
77.7129, 72.9560, 108.4933

Complementary

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



73.2783, 72.9560, 50.7772



60.0289, 64.9328, 103.9772

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.



71.7904, 72.9560, 118.6915



73.2783, 72.9560, 50.7772



60.6242, 72.9560, 104.8092

Square

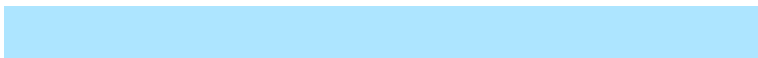
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2783, 72.9560, 50.7772



58.4386, 72.9560, 68.8774



65.5502, 72.9560, 117.2491



81.5247, 72.9560, 91.0235

Rectangle

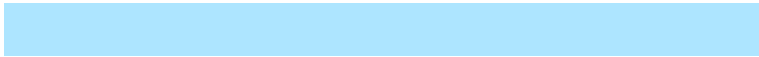
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2783, 72.9560, 50.7772



63.1844, 72.9560, 53.2812



65.5502, 72.9560, 117.2491



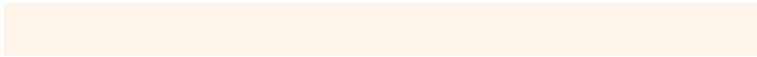
75.8882, 72.9560, 112.9971

Sweetspot

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



73.2801, 72.9593, 50.7787



88.0210, 91.5058, 89.4044



68.8362, 56.8270, 71.6313



18.6099, 19.3042, 18.5086



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.



73.2801, 72.9593, 50.7787



69.6257, 68.1431, 41.8762



84.7380, 95.8752, 54.5980



18.7599, 19.4879, 18.9171



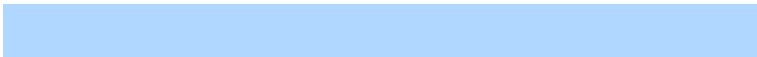
25.6987, 19.4086, 2.3918



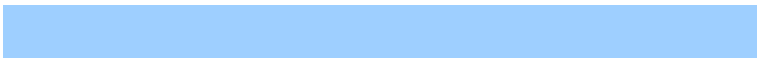
2.6114, 2.1082, 0.2693

Inverse Universe

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



60.0289, 64.9328, 103.9772



54.3726, 58.9040, 103.1116



51.0600, 46.9949, 100.9875



17.7533, 18.8782, 22.9581



13.5791, 12.0677, 51.0482



1.4313, 1.3934, 5.0068

Previews

White Background



This preview shows how the XYZ color 73.2783, 72.9560, 50.7772 looks on a white background.

Color Contrast Check

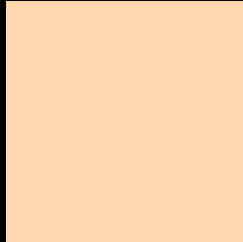
Large Text (above 18pt) WCAG AA × Fail

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 73.2783, 72.9560, 50.7772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

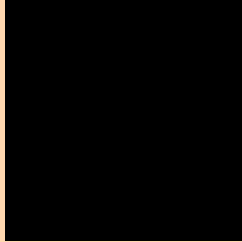
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2783, 72.9560, 50.7772

Background



This preview shows how black text looks on a background with the XYZ color 73.2783, 72.9560, 50.7772.



This preview shows how white text looks on a background with the XYZ color 73.2783, 72.9560,

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

73.2783, 72.9560, 50.7772

Protanopia

68.7492, 73.2898, 52.6423

Deuteranopia

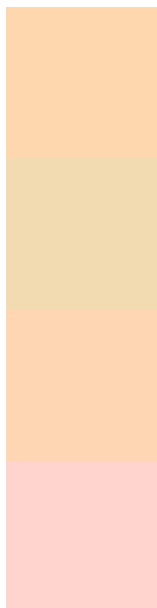
73.7301, 72.7305, 54.4084



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

73.2783, 72.9560, 50.7772

Protanomaly

70.2295, 72.8920, 51.9631

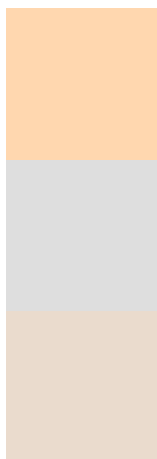
Deuteranomaly

73.4233, 72.6078, 52.7927

Tritanomaly

75.9241, 72.8032, 68.4433

Monochromacy



Original Color

73.2783, 72.9560, 50.7772

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2826, 72.5632, 68.0594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2783, 72.9560, 50.7772 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 175) }
```

Border

The CSS property to change the border of an element to XYZ 73.2783, 72.9560, 50.7772 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, 175) }
```


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

```
.border{ border-color:rgb(255, 215, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2783, 72.9560, 50.7772 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
215, 175) }
```

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