

Converting Colors

XYZ(73.7493, 73.3396, 52.6556)

Have a look what the booklet for
XYZ(73.7493, 73.3396, 52.6556)
contains.

XYZ(73.6771, 73.1156, 52.8773)	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(73.6771, 73.1156,
52.8773)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7B3
RGB	255, 215, 179
RGB Percent	100%, 84%, 70%
CMY	0.0000, 0.1568, 0.2980
CMYK	0.00, 0.16, 0.30, 0.00
HSL	28°, 100%, 85%
HSV	28°, 30%, 100%
XYZ	73.6771, 73.1156, 52.8773
YIQ	222.8560, 35.3960, -2.7160

Conversions

Conversions Part 2

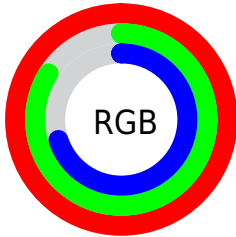
Format	Color
R _Y B	255, 247, 179
Decimal	16766899
CIE Lab	88.50, 8.86, 22.97
CIE LCh	89, 24.622, 68.905
Yxy	73.1156, 0.3690, 0.3662
Android (android.graphics.Color)	4294956979 (0xFFFFD7B3)
YUV	222.8560, -21.6210, 28.1903
Hunter-Lab	85.5077, 4.1649, 23.1909

Details

The XYZ color **73.6771, 73.1156, 52.8773** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.9711, 67.4644, 104.3635**, and the grayscale version is **70.1697, 73.8240, 80.3943**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **39.3627, 38.5183, 25.0988** is the 20% darker color. If you saturate the color by 10%, you get **68.0551, 65.6242, 39.4346**, and if you desaturate by 10%, it is **80.0600, 81.3651, 68.9282**.

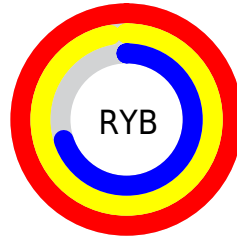
Distribution



Red (100%)

Green (84%)

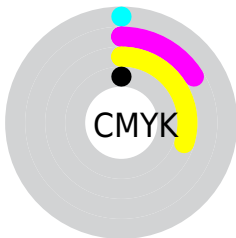
Blue (70%)



Red (100%)

Yellow (97%)

Blue (70%)

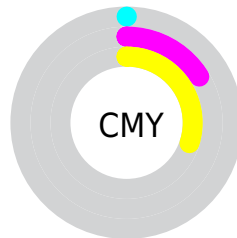


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6771, 73.1156, 52.8773 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 73.6771, 73.1156, 52.8773 by changing the saturation by 10% instead.


 73.6771, 73.1156,
52.8773

 73.6771, 73.1156,
52.8773


462.4257,
471.4154, 414.8671

 54.8201, 54.0705,
37.3178


 123.4359,
123.6413, 95.8635

 39.4910, 38.6580,
25.1559


155.0685,
155.8907, 124.1273

 27.3244, 26.4938,
15.9732


191.6903,
193.3103, 157.4629

 17.9548, 17.1934,
9.3510

233.6668,
236.2845, 196.2888

 11.0170, 10.3725,
4.8709

281.3632,
285.1977, 241.0237

 6.1457, 5.6466,
2.1143

335.1449,

 2.9754, 2.6314,

340.4343, 292.0860

0.6243

395.3773,
402.3788, 349.8943

■ 1.1407, 0.9425,
0.0000

■ 0.0588, 0.0000,
0.0000

■ 73.6771, 73.1156,
52.8773

■ 73.6771, 73.1156,
52.8773

■ 68.0551, 65.6242,
39.4346

■ 80.0600, 81.3651,
68.9282

■ 63.1556, 58.8569,
28.4545

■ 87.2291, 90.3852,
87.7128

■ 58.9444, 52.7916,
19.7843

95.0500, 100.0000,
108.9000

■ 55.3822, 47.4010,
13.2519

■ 52.4246, 42.6553,
8.6605

■ 50.0197, 38.5210,
5.7764

■ 48.0889, 34.9535,
4.2265

■ 48.0541, 34.8882,
4.2014

Harmonies

Analogous

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



78.7452, 73.1156, 60.8218



73.6771, 73.1156, 52.8773



67.7450, 73.1156, 51.5234

Triad

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



73.6771, 73.1156, 52.8773



58.8324, 73.1156, 84.7702



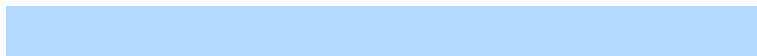
76.8998, 73.1156, 107.8056

Complementary

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



73.6771, 73.1156, 52.8773



61.9711, 67.4644, 104.3635

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.



71.2732, 73.1156, 116.4041



73.6771, 73.1156, 52.8773



60.9977, 73.1156, 101.9174

Square

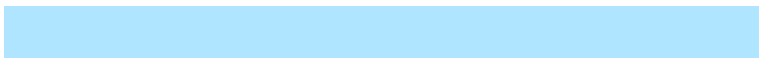
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6771, 73.1156, 52.8773



59.3948, 73.1156, 68.4318



65.4727, 73.1156, 114.1084



80.6781, 73.1156, 91.9446

Rectangle

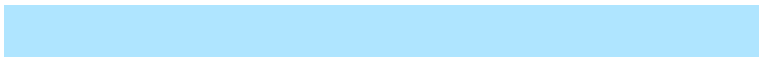
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6771, 73.1156, 52.8773



64.1300, 73.1156, 54.3204



65.4727, 73.1156, 114.1084



75.1494, 73.1156, 111.7368

Sweetspot

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



73.6790, 73.1190, 52.8788



87.8401, 91.1440, 89.3441



70.2171, 58.6435, 75.0056



18.5654, 19.2152, 18.4938



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.



73.6790, 73.1190, 52.8788



70.1068, 68.3876, 44.2495



84.3340, 94.4291, 56.4305



18.7191, 19.4064, 18.9035



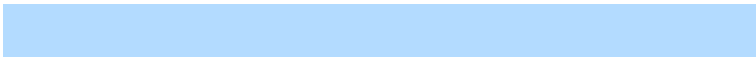
25.2563, 18.5238, 2.2443



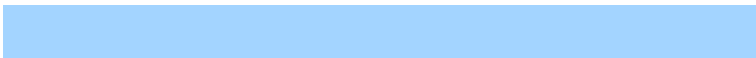
2.5675, 2.0204, 0.2547

Inverse Universe

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



61.9711, 67.4644, 104.3635



56.6162, 61.8695, 103.5658



53.2737, 50.0696, 101.4643



17.7942, 18.9600, 22.9717



14.0507, 13.0109, 51.2054



1.4775, 1.4857, 5.0222

Previews

White Background



This preview shows how the XYZ color 73.6771, 73.1156, 52.8773 looks on a white background.

Color Contrast Check

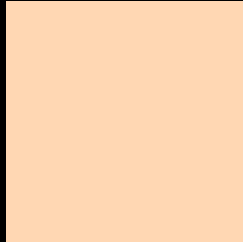
Large Text (above 18pt) WCAG AA × Fail

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 73.6771, 73.1156, 52.8773 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 73.6771, 73.1156, 52.8773

Background



This preview shows how black text looks on a background with the XYZ color 73.6771, 73.1156, 52.8773.



This preview shows how white text looks on a background with the XYZ color 73.6771, 73.1156,

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

73.6771, 73.1156, 52.8773

Protanopia

68.8257, 73.2821, 54.7733

Deuteranopia

74.1922, 73.3216, 55.5895



Tritanopia

77.9888, 73.2303, 80.5454

Trichromacy



Original Color

73.6771, 73.1156, 52.8773

Protanomaly

70.2900, 72.8765, 54.0779

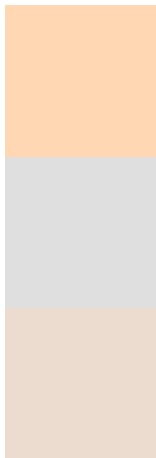
Deuteranomaly

73.9839, 73.2383, 54.4930

Tritanomaly

76.1686, 72.9010, 69.7313

Monochromacy



Original Color

73.6771, 73.1156, 52.8773

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.1166, 73.3536, 69.4419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6771, 73.1156, 52.8773 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 179) }
```

Border

The CSS property to change the border of an element to XYZ 73.6771, 73.1156, 52.8773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

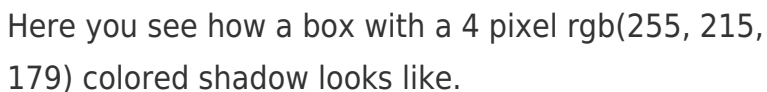
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 179) }
```


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

```
.border{ border-color:rgb(255, 215, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 215, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 215, 179); box-shadow:4px 4px 4px 4px rgb(255, 215, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6771, 73.1156, 52.8773 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
215, 179) }
```

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