

Converting Colors

XYZ(77.6694, 75.5209, 53.0848)

Have a look what the booklet for
XYZ(77.6694, 75.5209, 53.0848)
contains.

XYZ(73.9326, 73.6264, 52.9625)	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(73.9326, 73.6264,
52.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8B3
RGB	255, 216, 179
RGB Percent	100%, 85%, 70%
CMY	0.0000, 0.1529, 0.2980
CMYK	0.00, 0.15, 0.30, 0.00
HSL	29°, 100%, 85%
HSV	29°, 30%, 100%
XYZ	73.9326, 73.6264, 52.9625
YIQ	223.4430, 35.1210, -3.2390

Conversions

Conversions Part 2

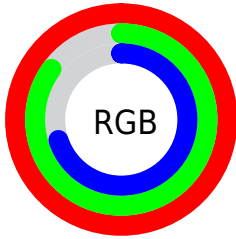
Format	Color
R _Y B	255, 251, 179
Decimal	16767155
CIE Lab	88.75, 8.35, 23.31
CIE LCh	89, 24.756, 70.298
Yxy	73.6264, 0.3687, 0.3672
Android (android.graphics.Color)	4294957235 (0xFFFFD8B3)
YUV	223.4430, -21.9104, 27.6755
Hunter-Lab	85.8058, 3.6402, 23.4681

Details

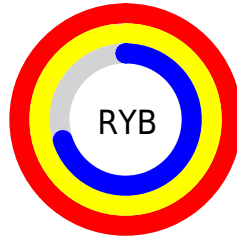
The XYZ color **73.9326, 73.6264, 52.9625** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.7111, 66.9444, 104.2768**, and the grayscale version is **70.5894, 74.2656, 80.8752**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **39.5367, 38.8664, 25.1568** is the 20% darker color. If you saturate the color by 10%, you get **68.3690, 66.2518, 39.5392**, and if you desaturate by 10%, it is **80.2436, 81.7322, 68.9894**.

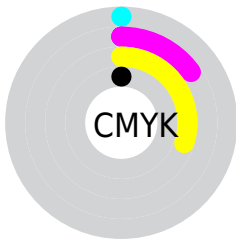
Distribution



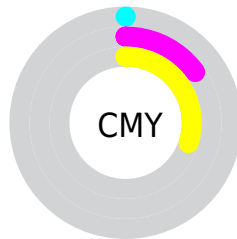
- Red (100%)
- Green (85%)
- Blue (70%)



- Red (100%)
- Yellow (98%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9326, 73.6264, 52.9625 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 73.9326, 73.6264, 52.9625 by changing the saturation by 10% instead.

 73.9326, 73.6264,
52.9625

 73.9326, 73.6264,
52.9625


463.2946,
473.1829, 415.2034

 55.0300, 54.4883,
37.3853


 123.7963,
124.3661, 95.9902

 39.6596, 38.9922,
25.2078


155.4880,
156.7364, 124.2777

 27.4563, 26.7537,
16.0115


192.1735,
194.2863, 157.6392

 18.0546, 17.3883,
9.3779

234.2181,
237.4002, 196.4930

 11.0891, 10.5117,
4.8883

281.9872,
286.4624, 241.2579

 6.1945, 5.7395,
2.1243

335.8460,

 3.0055, 2.6874,

341.8573, 292.3522

0.6302

396.1601,
403.9694, 350.1945

■ 1.1567, 0.9708,
0.0000

■ 0.0717, 0.0000,
0.0000

■ 73.9326, 73.6264,
52.9625

■ 73.9326, 73.6264,
52.9625

■ 68.3690, 66.2518,
39.5392

■ 80.2436, 81.7322,
68.9894

■ 63.5150, 59.5757,
28.5744

■ 87.3271, 90.5810,
87.7455

■ 59.3371, 53.5769,
19.9152

95.0500, 100.0000,
108.9000

■ 55.7963, 48.2293,
13.3899

■ 52.8490, 43.5042,
8.8020

■ 50.4439, 39.3695,
5.9178

■ 48.5032, 35.7819,
4.3646

■ 48.4681, 35.7161,
4.3394

Harmonies

Analogous

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



79.1314, 73.6264, 60.6791



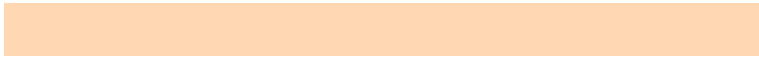
73.9326, 73.6264, 52.9625



67.9419, 73.6264, 51.9085

Triad

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



73.9326, 73.6264, 52.9625



59.2539, 73.6264, 86.2057



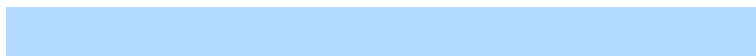
77.6919, 73.6264, 108.0307

Complementary

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



73.9326, 73.6264, 52.9625



61.7111, 66.9444, 104.2768

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.



72.0578, 73.6264, 117.1741



73.9326, 73.6264, 52.9625



61.5622, 73.6264, 103.4349

Square

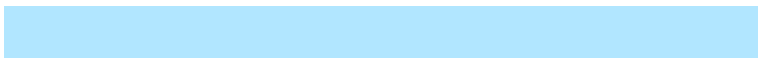
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9326, 73.6264, 52.9625



59.6922, 73.6264, 69.5582



66.1702, 73.6264, 115.3817



81.3861, 73.6264, 91.8023

Rectangle

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



73.9326, 73.6264, 52.9625



64.3315, 73.6264, 54.9383



66.1702, 73.6264, 115.3817



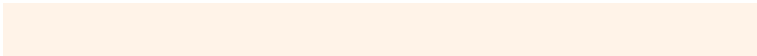
75.9492, 73.6264, 112.1327

Sweetspot

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



73.9344, 73.6297, 52.9640



87.9305, 91.3248, 89.3742



70.0504, 58.5769, 74.1278



18.5876, 19.2597, 18.5012



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.



73.9344, 73.6297, 52.9640



70.4000, 68.9738, 44.3472



84.7341, 95.2292, 56.5639



18.7395, 19.4471, 18.9103



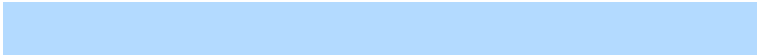
25.4739, 18.9589, 2.3168



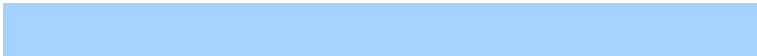
2.5892, 2.0637, 0.2619

Inverse Universe

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



61.7111, 66.9444, 104.2768



56.3163, 61.2698, 103.4658



53.0164, 49.5550, 101.3785



17.7737, 18.9191, 22.9649



13.8112, 12.5319, 51.1256



1.4541, 1.4390, 5.0144

Previews

White Background



This preview shows how the XYZ color 73.9326, 73.6264, 52.9625 looks on a white background.

Color Contrast Check

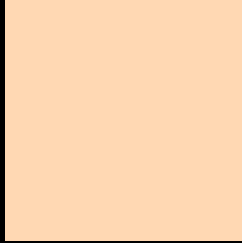
Large Text (above 18pt) WCAG AA × Fail

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 73.9326, 73.6264, 52.9625 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 73.9326, 73.6264, 52.9625

Background



This preview shows how black text looks on a background with the XYZ color 73.9326, 73.6264, 52.9625.



This preview shows how white text looks on a background with the XYZ color 73.9326, 73.6264,

52.9625.

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



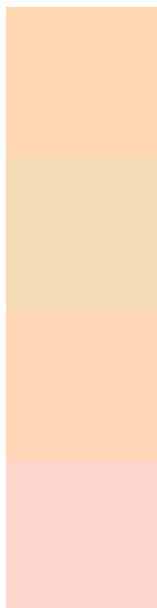
Original Color
73.9326, 73.6264, 52.9625
Protanopia
69.4232, 73.9856, 54.8776
Deuteranopia
74.4034, 73.4060, 56.7017



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

73.9326, 73.6264, 52.9625

Protanomaly

70.8958, 73.5773, 54.1813

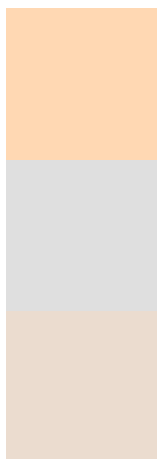
Deuteranomaly

74.0877, 73.2798, 55.0393

Tritanomaly

76.4194, 73.4026, 69.8149

Monochromacy



Original Color

73.9326, 73.6264, 52.9625

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 73.9326, 73.6264, 52.9625 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 179) }
```

Border

The CSS property to change the border of an element to XYZ 73.9326, 73.6264, 52.9625 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, 179) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9326, 73.6264, 52.9625 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, 179) }
```

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

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