

Converting Colors

XYZ(75.7345, 77.2720, 53.4349)

Have a look what the booklet for
XYZ(75.7345, 77.2720, 53.4349)
contains.

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Color

**XYZ(75.7644, 77.2900,
53.5731)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFB3
RGB	255, 223, 179
RGB Percent	100%, 87%, 70%
CMY	0.0000, 0.1255, 0.2980
CMYK	0.00, 0.13, 0.30, 0.00
HSL	35°, 100%, 85%
HSV	35°, 30%, 100%
XYZ	75.7644, 77.2900, 53.5731
YIQ	227.5520, 33.1960, -6.9000

Conversions

Conversions Part 2

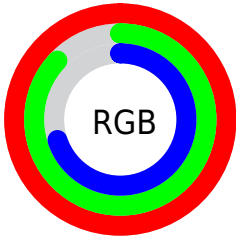
Format	Color
RYB	234, 255, 179
Decimal	16768947
CIELab	90.45, 4.74, 25.65
CIElCh	90, 26.087, 79.520
Yxy	77.2900, 0.3667, 0.3741
Android (android.graphics.Color)	4294959027 (0xFFFFDFB3)
YUV	227.5520, -23.9361, 24.0719
Hunter-Lab	87.9147, -0.0205, 25.4104

Details

The XYZ color **75.7644, 77.2900, 53.5731** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.9341, 63.3903, 103.6844**, and the grayscale version is **73.5694, 77.4007, 84.2894**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **40.7945, 41.3819, 25.5761** is the 20% darker color. If you saturate the color by 10%, you get **70.6427, 70.7992, 40.2972**, and if you desaturate by 10%, it is **81.5486, 84.3422, 69.4245**.

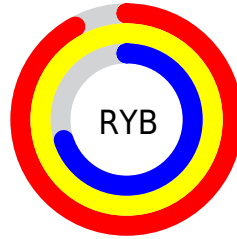
Distribution



Red (100%)

Green (87%)

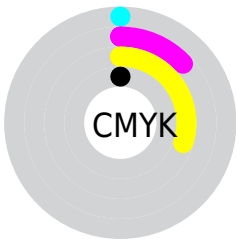
Blue (70%)



Red (92%)

Yellow (100%)

Blue (70%)

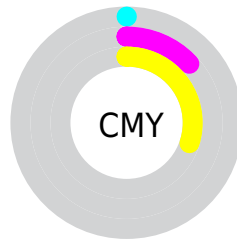


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7644, 77.2900, 53.5731 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 75.7644, 77.2900, 53.5731 by changing the saturation by 10% instead.


 75.7644, 77.2900,
53.5731

 75.7644, 77.2900,
53.5731


469.4976,
485.7522, 417.6085

 56.5357, 57.4909,
37.8696


 126.3760,
129.5488, 96.8972

 40.8713, 41.3995,
25.5805


158.4895,
162.7772, 125.3549

 28.4057, 28.6314,
16.2871

195.6288,
201.2510, 158.9012

 18.7738, 18.8022,
9.5710

238.1591,
245.3543, 197.9544

 11.6099, 11.5274,
5.0136

286.4457,
295.4718, 242.9332

 6.5490, 6.4228,
2.1964

340.8541,

 3.2255, 3.1038,

351.9876, 294.2561

0.6723

401.7496,
415.2863, 352.3417

■ 1.2741, 1.1862,
0.0000

■ 0.1637, 0.0504,
0.0000

■ 75.7644, 77.2900,
53.5731

■ 75.7644, 77.2900,
53.5731

■ 70.6427, 70.7992,
40.2972

■ 81.5486, 84.3422,
69.4245

■ 66.1483, 64.8423,
29.4522

■ 88.0174, 91.9617,
87.9757

■ 62.2507, 59.4043,
20.8865

95.0500, 100.0000,
108.9000

■ 58.9143, 54.4651,
14.4292

■ 56.0983, 50.0028,
9.8851

■ 53.7553, 45.9922,
7.0216

■ 51.8109, 42.3974,
5.4672

■ 51.7751, 42.3301,
5.4417

Harmonies

Analogous

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



81.8994, 77.2900, 59.7064



75.7644, 77.2900, 53.5731



69.3544, 77.2900, 54.6637

Triad

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



75.7644, 77.2900, 53.5731



62.2743, 77.2900, 96.7238



83.4100, 77.2900, 109.6653

Complementary

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



75.7644, 77.2900, 53.5731



59.9341, 63.3903, 103.6844

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.



77.7283, 77.2900, 122.7087



75.7644, 77.2900, 53.5731



65.6246, 77.2900, 114.5062

Square

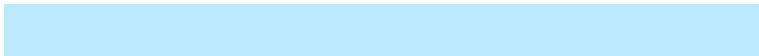
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7644, 77.2900, 53.5731



61.8176, 77.2900, 77.7963



71.2064, 77.2900, 124.6006



86.4836, 77.2900, 90.8525

Rectangle

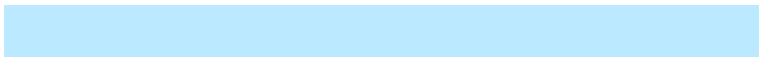
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7644, 77.2900, 53.5731



65.7739, 77.2900, 59.3996



71.2064, 77.2900, 124.6006



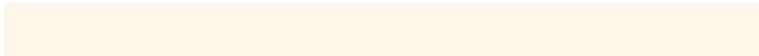
81.7267, 77.2900, 114.9812

Sweetspot

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



75.7662, 77.2935, 53.5747



88.5675, 92.5989, 89.5865



69.2359, 58.2511, 69.8385



18.7445, 19.5735, 18.5535



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.



75.7662, 77.2935, 53.5747



72.5155, 73.2048, 45.0523



83.2974, 95.0865, 56.6122



18.8830, 19.7342, 18.9582



27.2046, 22.4205, 2.8937



2.7570, 2.3993, 0.3178

Inverse Universe

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



59.9341, 63.3903, 103.6844



54.2797, 57.1965, 102.7869



53.9541, 49.6598, 101.3494



17.6315, 18.6345, 22.9175



12.3379, 9.5853, 50.6345



1.3065, 1.1438, 4.9652

Previews

White Background



This preview shows how the XYZ color 75.7644, 77.2900, 53.5731 looks on a white background.

Color Contrast Check

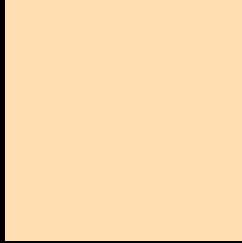
Large Text (above 18pt) WCAG AA × Fail

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 75.7644, 77.2900, 53.5731 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 75.7644, 77.2900, 53.5731

Background



This preview shows how black text looks on a background with the XYZ color 75.7644, 77.2900, 53.5731.



This preview shows how white text looks on a background with the XYZ color 75.7644, 77.2900,

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

75.7644, 77.2900, 53.5731

Protanopia

72.4275, 77.1516, 54.7905

Deuteranopia

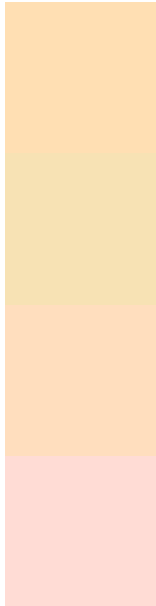
77.3251, 77.4881, 63.1058



Tritanopia

80.8769, 77.2290, 86.9879

Trichromacy



Original Color

75.7644, 77.2900, 53.5731

Protanomaly

73.7923, 77.4622, 54.2424

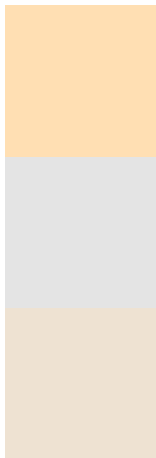
Deuteranomaly

76.6555, 77.2203, 59.5800

Tritanomaly

78.8434, 77.2505, 73.7061

Monochromacy



Original Color

75.7644, 77.2900, 53.5731

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0891, 77.2230, 71.9734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7644, 77.2900, 53.5731 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, 223, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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, 223, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 179) }
```

Border

The CSS property to change the border of an element to XYZ 75.7644, 77.2900, 53.5731 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, 223, 179) }
```


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

```
.border{ border-color:rgb(255, 223, 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, 223, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7644, 77.2900, 53.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 179) }
```

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

```
.background{ background-color: rgb(255,  
223, 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](#).

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