

Converting Colors

XYZ(89.0212, 81.3301, 55.1440)

Have a look what the booklet for
XYZ(89.0212, 81.3301, 55.1440)
contains.

XYZ(74.2394, 73.7491, 54.5781) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(74.2394, 73.7491,
54.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8B6
RGB	255, 216, 182
RGB Percent	100%, 85%, 71%
CMY	0.0000, 0.1529, 0.2863
CMYK	0.00, 0.15, 0.29, 0.00
HSL	28°, 100%, 86%
HSV	28°, 29%, 100%
XYZ	74.2394, 73.7491, 54.5781
YIQ	223.7850, 34.1580, -2.3060

Conversions

Conversions Part 2

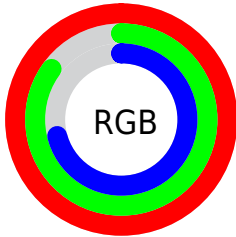
Format	Color
R _Y B	255, 246, 182
Decimal	16767158
CIE Lab	88.80, 8.73, 21.82
CIE LCh	89, 23.505, 68.196
Yxy	73.7491, 0.3665, 0.3641
Android (android.graphics.Color)	4294957238 (0xFFFFD8B6)
YUV	223.7850, -20.6000, 27.3756
Hunter-Lab	85.8773, 4.0248, 22.4332

Details

The XYZ color **74.2394, 73.7491, 54.5781** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.1971, 68.8758, 104.5713**, and the grayscale version is **70.8249, 74.5133, 81.1449**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **39.7333, 38.9450, 26.1919** is the 20% darker color. If you saturate the color by 10%, you get **68.4943, 66.0992, 40.8241**, and if you desaturate by 10%, it is **80.7572, 82.1762, 70.9588**.

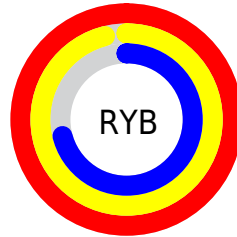
Distribution



Red (100%)

Green (85%)

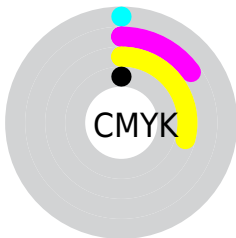
Blue (71%)



Red (100%)

Yellow (96%)

Blue (71%)

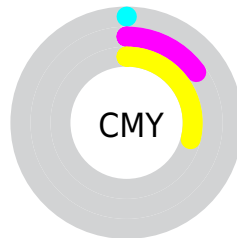


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2394, 73.7491, 54.5781 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 74.2394, 73.7491, 54.5781 by changing the saturation by 10% instead.


 74.2394, 73.7491,
54.5781

 74.2394, 73.7491,
54.5781


464.3368,
473.6070, 421.5474

 55.2820, 54.5887,
38.6677


 124.2288,
124.5401, 98.3875

 39.8623, 39.0725,
26.1955


155.9915,
156.9395, 127.1235

 27.6149, 26.8162,
16.7429


192.7533,
194.5206, 160.9719

 18.1745, 17.4352,
9.8913

234.8796,
237.6679, 200.3512

 11.1758, 10.5453,
5.2223

282.7357,
286.7659, 245.6798

 6.2534, 5.7620,
2.3173

336.6871,

 3.0419, 2.7009,

342.1987, 297.3764

0.7409

397.0990,
404.3510, 355.8594

■ 1.1759, 0.9776,
0.0000

■ 0.0873, 0.0000,
0.0000

■ 74.2394, 73.7491,
54.5781

■ 74.2394, 73.7491,
54.5781

■ 68.4943, 66.0992,
40.8241

■ 80.7572, 82.1762,
70.9588

■ 63.4836, 59.1922,
29.5526

■ 88.0734, 91.3937,
90.0909

■ 59.1733, 53.0055,
20.6125

95.0500, 100.0000,
108.9000

■ 55.5241, 47.5113,
13.8339

■ 52.4918, 42.6792,
9.0234

■ 50.0253, 38.4758,
5.9525

■ 48.0549, 34.8590,
4.2962

■ 47.8113, 34.4027,
4.1204

Harmonies

Analogous

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



79.0518, 73.7491, 62.4400



74.2394, 73.7491, 54.5781



68.5479, 73.7491, 53.1060

Triad

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



74.2394, 73.7491, 54.5781



59.8145, 73.7491, 84.8511



77.0822, 73.7491, 107.5307

Complementary

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



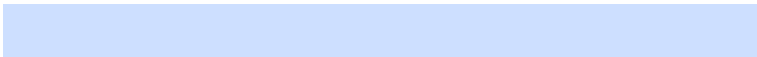
74.2394, 73.7491, 54.5781



63.1971, 68.8758, 104.5713

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.



71.6678, 73.7491, 115.4811



74.2394, 73.7491, 54.5781



61.8441, 73.7491, 101.2777

Square

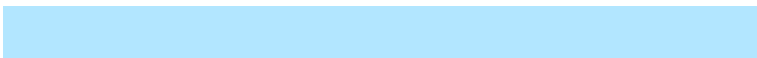
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2394, 73.7491, 54.5781



60.4202, 73.7491, 69.2144



66.1103, 73.7491, 113.0501



80.7540, 73.7491, 92.5108

Rectangle

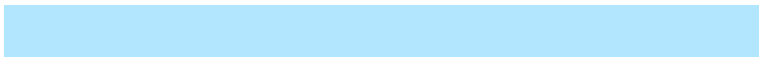
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2394, 73.7491, 54.5781



65.0525, 73.7491, 55.7277



66.1103, 73.7491, 113.0501



75.3944, 73.7491, 111.2051

Sweetspot

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



74.2411, 73.7524, 54.5796



87.7856, 91.0351, 89.3259



71.1733, 59.9986, 77.0429



18.5520, 19.1884, 18.4893



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.



74.2411, 73.7524, 54.5796



71.0596, 69.5459, 46.8709



84.2903, 93.8508, 57.9293



18.7069, 19.3819, 18.8995



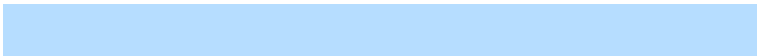
25.1286, 18.2684, 2.2017



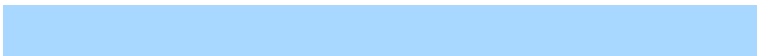
2.5548, 1.9949, 0.2504

Inverse Universe

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



63.1971, 68.8758, 104.5713



58.4644, 63.9817, 103.8761



54.8274, 52.1365, 101.7814



17.8066, 18.9847, 22.9759



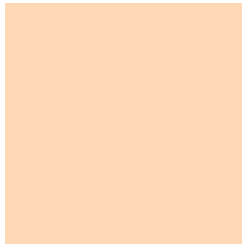
14.1987, 13.3070, 51.2547



1.4919, 1.5144, 5.0270

Previews

White Background



This preview shows how the XYZ color 74.2394, 73.7491, 54.5781 looks on a white background.

Color Contrast Check

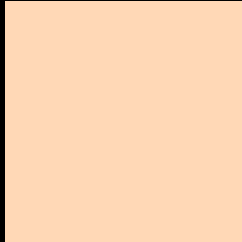
Large Text (above 18pt) WCAG AA × Fail

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 74.2394, 73.7491, 54.5781 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 74.2394, 73.7491, 54.5781

Background



This preview shows how black text looks on a background with the XYZ color 74.2394, 73.7491, 54.5781.



This preview shows how white text looks on a background with the XYZ color 74.2394, 73.7491,

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

74.2394, 73.7491, 54.5781

Protanopia

69.7367, 74.1110, 56.5283

Deuteranopia

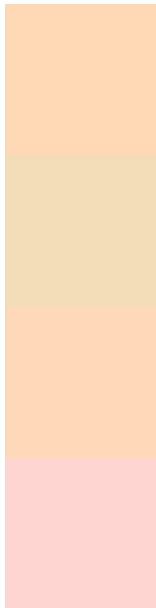
74.8730, 74.0026, 57.9146



Tritanopia

78.5110, 73.8380, 82.0657

Trichromacy



Original Color

74.2394, 73.7491, 54.5781

Protanomaly

71.2071, 73.7018, 55.8202

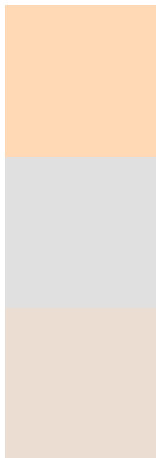
Deuteranomaly

74.6588, 73.9169, 56.7868

Tritanomaly

76.6671, 73.5016, 71.1192

Monochromacy



Original Color

74.2394, 73.7491, 54.5781

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.6260, 73.9785, 70.8258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2394, 73.7491, 54.5781 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 182) }
```

Border

The CSS property to change the border of an element to XYZ 74.2394, 73.7491, 54.5781 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, 182) }
```


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

```
.border{ border-color:rgb(255, 216, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 216, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 216, 182); box-shadow:4px 4px 4px 4px rgb(255, 216, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2394, 73.7491, 54.5781 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
216, 182) }
```

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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