

Converting Colors

XYZ(74.4062, 74.1766, 54.3450)

Have a look what the booklet for XYZ(74.4062, 74.1766, 54.3450) contains.

XYZ(74.3933, 74.2219, 54.1214) 3

- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(74.3933, 74.2219,
54.1214)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B5
RGB	255, 217, 181
RGB Percent	100%, 85%, 71%
CMY	0.0000, 0.1490, 0.2902
CMYK	0.00, 0.15, 0.29, 0.00
HSL	29°, 100%, 85%
HSV	29°, 29%, 100%
XYZ	74.3933, 74.2219, 54.1214
YIQ	224.2580, 34.2040, -3.1400

Conversions

Conversions Part 2

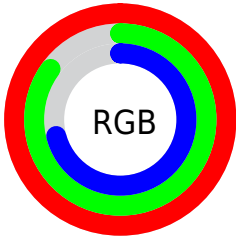
Format	Color
R_{YB}	255, 251, 181
Decimal	16767413
CIE _{Lab}	89.03, 8.09, 22.65
CIE _{LCh}	89, 24.053, 70.358
Yxy	74.2219, 0.3669, 0.3661
Android (android.graphics.Color)	4294957493 (0xFFFFD9B5)
YUV	224.2580, -21.3262, 26.9607
Hunter-Lab	86.1521, 3.3705, 23.0601

Details

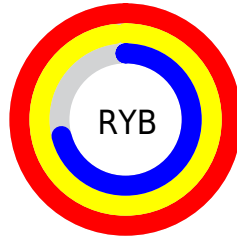
The XYZ color **74.3933, 74.2219, 54.1214** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.4368, 67.7046, 104.3853**, and the grayscale version is **71.1683, 74.8746, 81.5384**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **39.8426, 39.2695, 25.9019** is the 20% darker color. If you saturate the color by 10%, you get **68.7710, 66.7882, 40.4986**, and if you desaturate by 10%, it is **80.7661, 82.3895, 70.3586**.

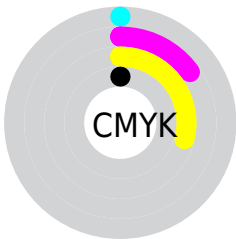
Distribution



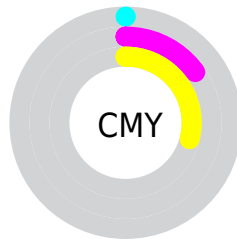
- Red (100%)
- Green (85%)
- Blue (71%)



- Red (100%)
- Yellow (98%)
- 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 74.3933, 74.2219, 54.1214 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 74.3933, 74.2219, 54.1214 by changing the saturation by 10% instead.


 74.3933, 74.2219,
54.1214

 74.3933, 74.2219,
54.1214


464.8590,
475.2389, 419.7605

 55.4084, 54.9757,
38.3049


 124.4457,
125.2103, 97.7107

 39.9639, 39.3822,
25.9157


156.2439,
157.7213, 126.3205

 27.6945, 27.0572,
16.5354


193.0440,
195.4227, 160.0319

 18.2348, 17.6162,
9.7454

235.2112,
238.6988, 199.2633

 11.2194, 10.6748,
5.1271

283.1110,
287.9341, 244.4333

 6.2830, 5.8486,
2.2620

337.1086,

 3.0602, 2.7532,

343.5129, 295.9605

0.7098

397.5695,
405.8197, 354.2634

■ 1.1857, 1.0043,
0.0000

■ 0.0950, 0.0000,
0.0000

■ 74.3933, 74.2219,
54.1214

■ 74.3933, 74.2219,
54.1214

■ 68.7710, 66.7882,
40.4986

■ 80.7661, 82.3895,
70.3586

■ 63.8612, 60.0553,
29.3457

■ 87.9138, 91.3024,
89.3349

■ 59.6307, 54.0025,
20.5114

95.0500, 100.0000,
108.9000

■ 56.0408, 48.6035,
13.8252

■ 53.0484, 43.8301,
9.0931

■ 50.6028, 39.6503,
6.0849

■ 48.6327, 36.0234,
4.4618

■ 48.4568, 35.6936,
4.3356

Harmonies

Analogous

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



79.4657, 74.2219, 61.7035



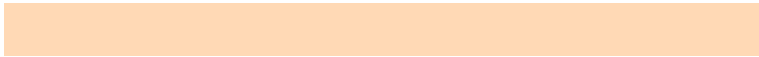
74.3933, 74.2219, 54.1214



68.5432, 74.2219, 53.0954

Triad

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



74.3933, 74.2219, 54.1214



60.0525, 74.2219, 86.7447



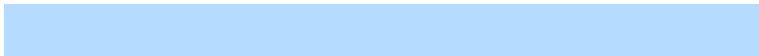
78.0806, 74.2219, 107.9220

Complementary

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



74.3933, 74.2219, 54.1214



62.4368, 67.7046, 104.3853

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.



72.5869, 74.2219, 116.8132



74.3933, 74.2219, 54.1214



62.3195, 74.2219, 103.5140

Square

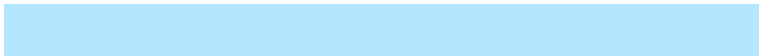
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3933, 74.2219, 54.1214



60.4766, 74.2219, 70.4664



66.8331, 74.2219, 115.0971



81.6747, 74.2219, 92.1303

Rectangle

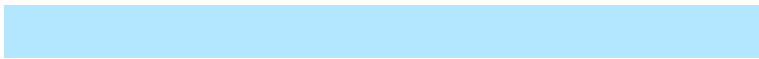
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3933, 74.2219, 54.1214



65.0139, 74.2219, 56.0905



66.8331, 74.2219, 115.0971



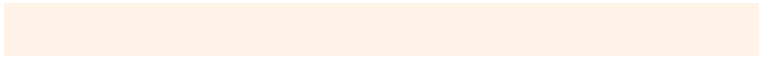
76.3827, 74.2219, 111.9094

Sweetspot

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



74.3952, 74.2253, 54.1229



87.9280, 91.3199, 89.3734



70.5813, 59.4353, 74.9317



18.5870, 19.2585, 18.5010



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.



74.3952, 74.2253, 54.1229



70.9436, 69.6911, 45.6689



84.9485, 95.3319, 57.6407



18.7389, 19.4461, 18.9101



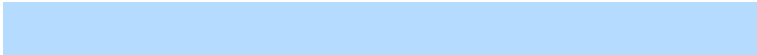
25.4679, 18.9471, 2.3149



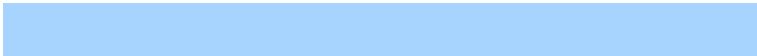
2.5886, 2.0626, 0.2617

Inverse Universe

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



62.4368, 67.7046, 104.3853



57.1608, 62.1745, 103.5959



53.8826, 50.5963, 101.5339



17.7743, 18.9202, 22.9651



13.8175, 12.5446, 51.1277



1.4548, 1.4402, 5.0146

Previews

White Background



This preview shows how the XYZ color 74.3933, 74.2219, 54.1214 looks on a white background.

Color Contrast Check

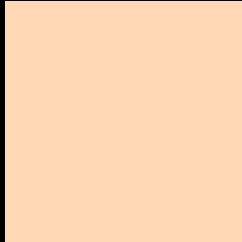
Large Text (above 18pt) WCAG AA × Fail

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 74.3933, 74.2219, 54.1214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

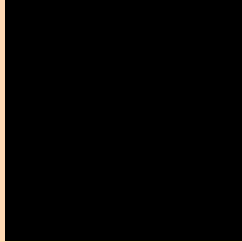
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3933, 74.2219, 54.1214

Background



This preview shows how black text looks on a background with the XYZ color 74.3933, 74.2219, 54.1214.



This preview shows how white text looks on a background with the XYZ color 74.3933, 74.2219, 54.1214.

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

74.3933, 74.2219, 54.1214

Protanopia

69.9645, 74.2406, 55.9897

Deuteranopia

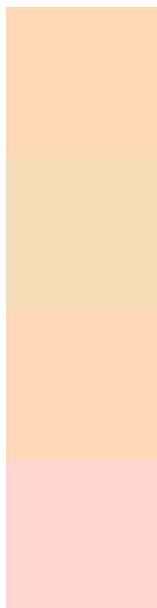
74.8730, 74.0026, 57.9146



Tritanopia

78.7617, 74.3395, 82.1493

Trichromacy



Original Color

74.3933, 74.2219, 54.1214

Protanomaly

71.7119, 74.3649, 55.3740

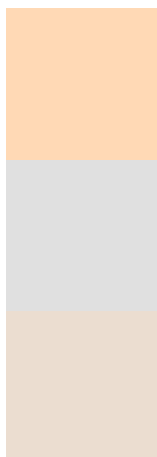
Deuteranomaly

74.5528, 73.8745, 56.2288

Tritanomaly

76.9194, 74.0063, 71.2033

Monochromacy



Original Color

74.3933, 74.2219, 54.1214

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5026, 73.9291, 70.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3933, 74.2219, 54.1214 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, 217, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 181)  
}
```

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, 217, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 181) }
```

Border

The CSS property to change the border of an element to XYZ 74.3933, 74.2219, 54.1214 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, 217, 181) }
```


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

```
.border{ border-color:rgb(255, 217, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 217, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3933, 74.2219, 54.1214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 181) }
```

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

```
.background{ background-color: rgb(255,  
217, 181) }
```

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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