

Converting Colors

XYZ(74.3660, 74.3690, 53.4901)

Have a look what the booklet for
XYZ(74.3660, 74.3690, 53.4901)
contains.

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Color

**XYZ(74.2911, 74.1810,
53.5828)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B4
RGB	255, 217, 180
RGB Percent	100%, 85%, 71%
CMY	0.0000, 0.1490, 0.2941
CMYK	0.00, 0.15, 0.29, 0.00
HSL	30°, 100%, 85%
HSV	30°, 29%, 100%
XYZ	74.2911, 74.1810, 53.5828
YIQ	224.1440, 34.5250, -3.4510

Conversions

Conversions Part 2

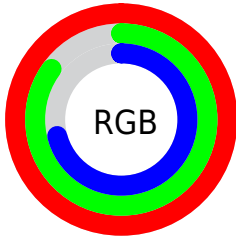
Format	Color
R _Y B	255, 253, 180
Decimal	16767412
CIE Lab	89.01, 7.96, 23.15
CIE LCh	89, 24.477, 71.029
Yxy	74.1810, 0.3677, 0.3671
Android (android.graphics.Color)	4294957492 (0xFFFFD9B4)
YUV	224.1440, -21.7630, 27.0607
Hunter-Lab	86.1284, 3.2427, 23.4040

Details

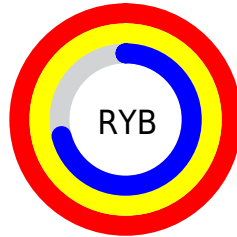
The XYZ color **74.2911, 74.1810, 53.5828** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.9430, 67.0639, 104.2876**, and the grayscale version is **71.0895, 74.7917, 81.4481**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **39.7771, 39.2433, 25.5569** is the 20% darker color. If you saturate the color by 10%, you get **68.7285, 66.8375, 40.0700**, and if you desaturate by 10%, it is **80.5959, 82.2437, 69.7024**.

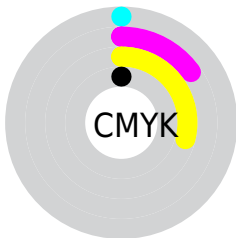
Distribution



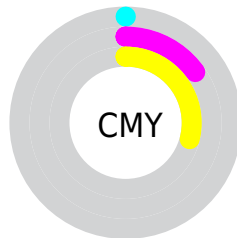
- Red (100%)
- Green (85%)
- Blue (71%)



- Red (100%)
- Yellow (99%)
- 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 74.2911, 74.1810, 53.5828 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 74.2911, 74.1810, 53.5828 by changing the saturation by 10% instead.


 74.2911, 74.1810,
53.5828

 74.2911, 74.1810,
53.5828


464.5123,
475.0978, 417.6466

 55.3245, 54.9422,
37.8773


 124.3017,
125.1524, 96.9116

 39.8964, 39.3554,
25.5864


156.0763,
157.6537, 125.3720

 27.6416, 27.0364,
16.2915

192.8509,
195.3447, 158.9212

 18.1948, 17.6005,
9.5741

234.9910,
238.6097, 197.9776

 11.1904, 10.6636,
5.0156

282.8618,
287.8331, 242.9598

 6.2633, 5.8411,
2.1975

336.8287,

 3.0480, 2.7487,

343.3993, 294.2863

0.6729

397.2571,
405.6928, 352.3758

■ 1.1792, 1.0020,
0.0000

■ 0.0899, 0.0000,
0.0000

■ 74.2911, 74.1810,
53.5828

■ 74.2911, 74.1810,
53.5828

■ 68.7285, 66.8375,
40.0700

■ 80.5959, 82.2437,
69.7024

■ 63.8705, 60.1809,
29.0192

■ 87.6676, 91.0367,
88.5539

■ 59.6840, 54.1905,
20.2785

95.0500, 100.0000,
108.9000

■ 56.1306, 48.8409,
13.6769

■ 53.1670, 44.1041,
9.0191

■ 50.7427, 39.9488,
6.0735

■ 48.7834, 36.3336,
4.4850

■ 48.6777, 36.1353,
4.4092

Harmonies

Analogous

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



79.4926, 74.1810, 61.1181



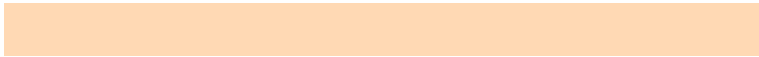
74.2911, 74.1810, 53.5828



68.3411, 74.1810, 52.6945

Triad

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



74.2911, 74.1810, 53.5828



59.8650, 74.1810, 87.2010



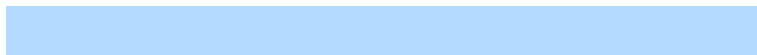
78.2852, 74.1810, 108.0892

Complementary

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



74.2911, 74.1810, 53.5828



61.9430, 67.0639, 104.2876

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.



72.7178, 74.1810, 117.3799



74.2911, 74.1810, 53.5828



62.2251, 74.1810, 104.2398

Square

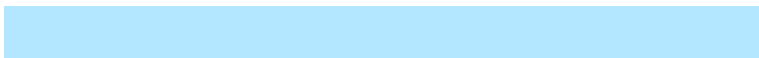
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2911, 74.1810, 53.5828



60.2334, 74.1810, 70.5821



66.8533, 74.1810, 115.8797



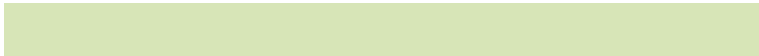
81.8866, 74.1810, 91.8950

Rectangle

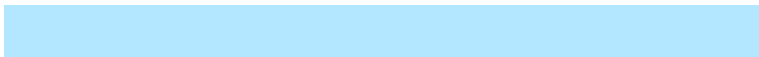
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2911, 74.1810, 53.5828



64.7734, 74.1810, 55.8255



66.8533, 74.1810, 115.8797



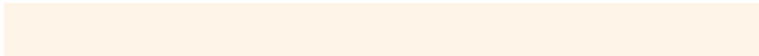
76.5689, 74.1810, 112.2195

Sweetspot

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



74.2929, 74.1843, 53.5843



87.9751, 91.4141, 89.3891



70.3150, 59.0046, 74.5290



18.5986, 19.2817, 18.5048



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.



74.2929, 74.1843, 53.5843



71.0939, 69.9918, 45.7190



84.8409, 95.2804, 57.1003



18.7495, 19.4673, 18.9137



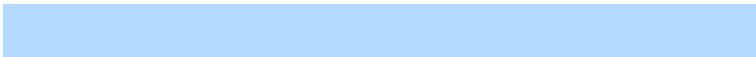
25.5839, 19.1791, 2.3535



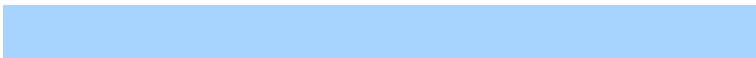
2.6001, 2.0855, 0.2655

Inverse Universe

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



61.9430, 67.0639, 104.2876



57.0087, 61.8704, 103.5452



53.4479, 50.0737, 101.4559



17.7636, 18.8989, 22.9616



13.6957, 12.3010, 51.0871



1.4428, 1.4163, 5.0106

Previews

White Background



This preview shows how the XYZ color 74.2911, 74.1810, 53.5828 looks on a white background.

Color Contrast Check

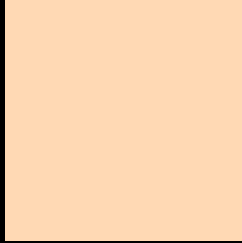
Large Text (above 18pt) WCAG AA × Fail

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 74.2911, 74.1810, 53.5828 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 74.2911, 74.1810, 53.5828

Background



This preview shows how black text looks on a background with the XYZ color 74.2911, 74.1810, 53.5828.



This preview shows how white text looks on a background with the XYZ color 74.2911, 74.1810,

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

74.2911, 74.1810, 53.5828

Protanopia

69.8600, 74.1988, 55.4395

Deuteranopia

74.8730, 74.0026, 57.9146



Tritanopia

78.7617, 74.3395, 82.1493

Trichromacy



Original Color

74.2911, 74.1810, 53.5828

Protanomaly

71.6082, 74.3234, 54.8277

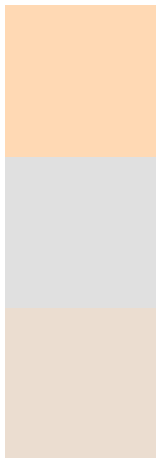
Deuteranomaly

74.5528, 73.8745, 56.2288

Tritanomaly

76.7952, 73.9566, 70.5491

Monochromacy



Original Color

74.2911, 74.1810, 53.5828

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 74.2911, 74.1810, 53.5828 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 180) }
```

Border

The CSS property to change the border of an element to XYZ 74.2911, 74.1810, 53.5828 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, 180) }
```


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

```
.border{ border-color:rgb(255, 217, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2911, 74.1810, 53.5828 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
217, 180) }
```

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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