

Converting Colors

XYZ(74.5725, 74.9871, 52.9267)

Have a look what the booklet for
XYZ(74.5725, 74.9871, 52.9267)
contains.

XYZ(74.7082, 75.1777, 53.2210)	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(74.7082, 75.1777,
53.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBB3
RGB	255, 219, 179
RGB Percent	100%, 86%, 70%
CMY	0.0000, 0.1412, 0.2980
CMYK	0.00, 0.14, 0.30, 0.00
HSL	32°, 100%, 85%
HSV	32°, 30%, 100%
XYZ	74.7082, 75.1777, 53.2210
YIQ	225.2040, 34.2960, -4.8080

Conversions

Conversions Part 2

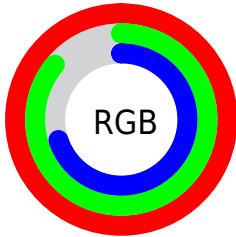
Format	Color
R_{YB}	247, 255, 179
Decimal	16767923
CIE _{Lab}	89.48, 6.80, 24.31
CIE _{LCh}	89, 25.243, 74.375
Yxy	75.1777, 0.3678, 0.3701
Android (android.graphics.Color)	4294958003 (0xFFFFDDB3)
YUV	225.2040, -22.7786, 26.1311
Hunter-Lab	86.7051, 2.0681, 24.3004

Details

The XYZ color **74.7082, 75.1777, 53.2210** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.9401, 65.4025, 104.0198**, and the grayscale version is **71.8578, 75.6000, 82.3284**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **40.0673, 39.9276, 25.3337** is the 20% darker color. If you saturate the color by 10%, you get **69.3270, 68.1679, 39.8585**, and if you desaturate by 10%, it is **80.7987, 82.8423, 69.1744**.

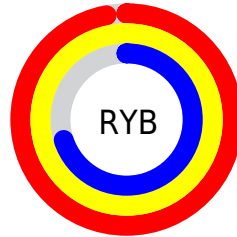
Distribution



Red (100%)

Green (86%)

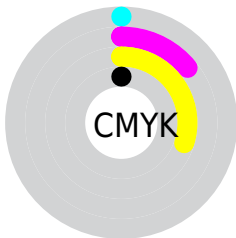
Blue (70%)



Red (97%)

Yellow (100%)

Blue (70%)

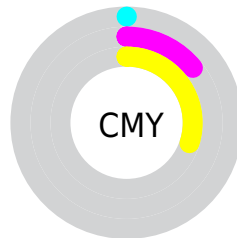


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7082, 75.1777, 53.2210 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 74.7082, 75.1777, 53.2210 by changing the saturation by 10% instead.


 74.7082, 75.1777,
53.2210

 74.7082, 75.1777,
53.2210


465.9267,
478.5281, 416.2228

 55.6672, 55.7585,
37.5903


 124.8893,
126.5639, 96.3743

 40.1721, 40.0093,
25.3655


156.7602,
159.2996, 124.7340

 27.8576, 27.5458,
16.1281


193.6384,
197.2430, 158.1738

 18.3582, 17.9836,
9.4595

235.8892,
240.7784, 197.1122

 11.3087, 10.9382,
4.9412

283.8781,
290.2902, 241.9677

 6.3437, 6.0253,
2.1547

337.9704,

 3.0978, 2.8605,

346.1628, 293.1590

0.6480

398.5315,
408.7807, 351.1045

■ 1.2057, 1.0593,
0.0000

■ 0.1109, 0.0000,
0.0000

■ 74.7082, 75.1777,
53.2210

■ 74.7082, 75.1777,
53.2210

■ 69.3270, 68.1679,
39.8585

■ 80.7987, 82.8423,
69.1744

■ 64.6184, 61.7826,
28.9422

■ 87.6218, 91.1706,
87.8438

■ 60.5504, 56.0036,
20.3197

95.0500, 100.0000,
108.9000

■ 57.0855, 50.8077,
13.8196

■ 54.1817, 46.1695,
9.2462

■ 51.7894, 42.0604,
6.3663

■ 49.8325, 38.4406,
4.8077

■ 49.7968, 38.3736,
4.7823

Harmonies

Analogous

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



80.3039, 75.1777, 60.2562



74.7082, 75.1777, 53.2210



68.5398, 75.1777, 53.0766

Triad

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



74.7082, 75.1777, 53.2210



60.5335, 75.1777, 90.6132



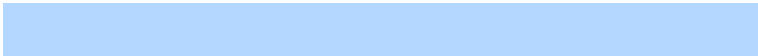
80.1054, 75.1777, 108.7183

Complementary

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



74.7082, 75.1777, 53.2210



60.9401, 65.4025, 104.0198

Split Complementary

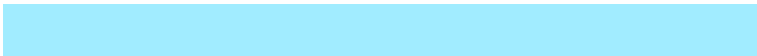
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4499, 75.1777, 119.5150



74.7082, 75.1777, 53.2210



63.2797, 75.1777, 108.0837

Square

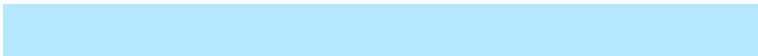
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7082, 75.1777, 53.2210



60.5937, 75.1777, 73.0134



68.2960, 75.1777, 119.2673



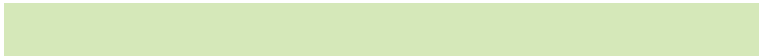
83.5404, 75.1777, 91.3847

Rectangle

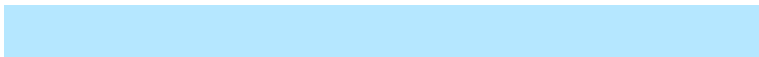
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7082, 75.1777, 53.2210



64.9426, 75.1777, 56.8215



68.2960, 75.1777, 119.2673



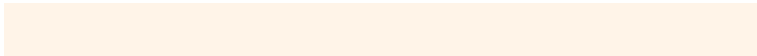
78.3871, 75.1777, 113.3367

Sweetspot

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



74.7100, 75.1811, 53.2225



88.2026, 91.8690, 89.4649



69.7208, 58.4451, 72.3921



18.6546, 19.3937, 18.5235



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.



74.7100, 75.1811, 53.2225



71.2931, 70.7601, 44.6449



84.6724, 95.7953, 56.6764



18.8008, 19.5697, 18.9308



26.1707, 20.3526, 2.5491



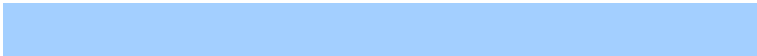
2.6576, 2.2005, 0.2847

Inverse Universe

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



60.9401, 65.4025, 104.0198



55.4300, 59.4972, 103.1704



53.0554, 49.1965, 101.3073



17.7125, 18.7967, 22.9445



13.1366, 11.1829, 50.9007



1.3875, 1.3057, 4.9922

Previews

White Background



This preview shows how the XYZ color 74.7082, 75.1777, 53.2210 looks on a white background.

Color Contrast Check

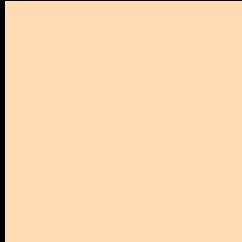
Large Text (above 18pt) WCAG AA × Fail

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 74.7082, 75.1777, 53.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

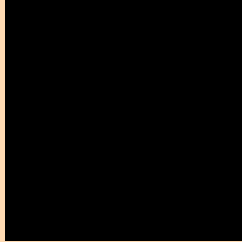
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7082, 75.1777, 53.2210

Background



This preview shows how black text looks on a background with the XYZ color 74.7082, 75.1777, 53.2210.



This preview shows how white text looks on a background with the XYZ color 74.7082, 75.1777,

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

74.7082, 75.1777, 53.2210

Protanopia

70.9653, 75.5785, 55.1038

Deuteranopia

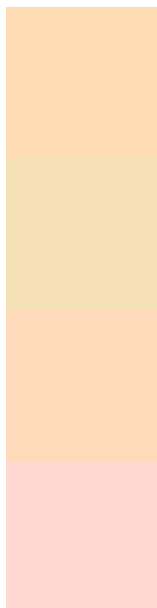
75.6057, 75.1205, 59.2301



Tritanopia

79.2902, 74.9546, 83.6874

Trichromacy



Original Color

74.7082, 75.1777, 53.2210

Protanomaly

72.3844, 75.5240, 54.4786

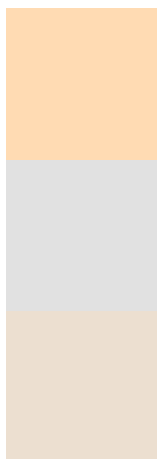
Deuteranomaly

75.1743, 74.9480, 56.9587

Tritanomaly

77.4287, 75.0249, 71.3731

Monochromacy



Original Color

74.7082, 75.1777, 53.2210

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3649, 75.1623, 70.3682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7082, 75.1777, 53.2210 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, 219, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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, 219, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 179) }
```

Border

The CSS property to change the border of an element to XYZ 74.7082, 75.1777, 53.2210 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, 219, 179) }
```


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

```
.border{ border-color:rgb(255, 219, 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, 219, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7082, 75.1777, 53.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 179) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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