

Converting Colors

XYZ(77.1433, 79.0591, 57.0812)

Have a look what the booklet for
XYZ(77.1433, 79.0591, 57.0812)
contains.

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Color

**XYZ(77.1933, 79.1555,
57.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2B9
RGB	255, 226, 185
RGB Percent	100%, 89%, 73%
CMY	0.0000, 0.1137, 0.2745
CMYK	0.00, 0.11, 0.27, 0.00
HSL	35°, 100%, 86%
HSV	35°, 27%, 100%
XYZ	77.1933, 79.1555, 57.1090
YIQ	229.9970, 30.4450, -6.6030

Conversions

Conversions Part 2

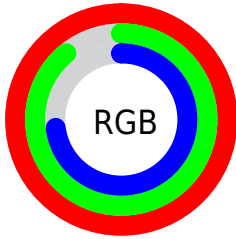
Format	Color
R_{YB}	235, 255, 185
Decimal	16769721
CIE _{Lab}	91.30, 3.98, 23.72
CIE _{LCh}	91, 24.048, 80.476
Yxy	79.1555, 0.3616, 0.3708
Android (android.graphics.Color)	4294959801 (0xFFFFE2B9)
YUV	229.9970, -22.1835, 21.9276
Hunter-Lab	88.9694, -0.8228, 24.2206

Details

The XYZ color **77.1933, 79.1555, 57.1090** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.1035, 65.6254, 104.0015**, and the grayscale version is **75.3565, 79.2809, 86.3369**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **41.7537, 42.6621, 27.8637** is the 20% darker color. If you saturate the color by 10%, you get **71.9554, 72.6081, 43.2520**, and if you desaturate by 10%, it is **83.0950, 86.2571, 73.5709**.

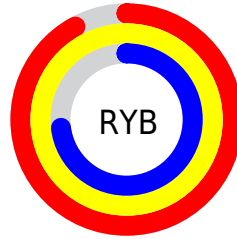
Distribution



Red (100%)

Green (89%)

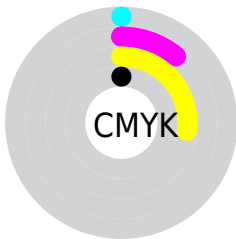
Blue (73%)



Red (92%)

Yellow (100%)

Blue (73%)

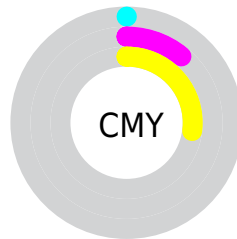


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.1933, 79.1555, 57.1090 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 77.1933, 79.1555, 57.1090 by changing the saturation by 10% instead.


 77.1933, 79.1555,
57.1090

 77.1933, 79.1555,
57.1090


474.3047,
492.0822, 431.3628

 57.7120, 59.0237,
40.6828


 128.3837,
132.1778, 102.1261

 41.8195, 42.6322,
27.7535


160.8235,
165.8370, 131.5542

 29.1505, 29.5966,
17.9025


198.3136,
204.7741, 166.1532

 19.3396, 19.5326,
10.7113

241.2192,
249.3735, 206.3418

 12.0213, 12.0558,
5.7613

289.9058,
300.0197, 252.5386

 6.8305, 6.7817,
2.6341

344.7387,

 3.4017, 3.3259,

357.0969, 305.1619

0.9100

406.0832,
420.9896, 364.6305

■ 1.3696, 1.3042,
0.0000

■ 0.2344, 0.1444,
0.0000

■ 77.1933, 79.1555,
57.1090

■ 77.1933, 79.1555,
57.1090

■ 71.9554, 72.6081,
43.2520

■ 83.0950, 86.2571,
73.5709

■ 67.3463, 66.5874,
31.8581

■ 89.6814, 93.9179,
92.7596

■ 63.3366, 61.0794,
22.7791

95.0500, 100.0000,
108.9000

■ 59.8915, 56.0648,
15.8490

■ 56.9721, 51.5225,
10.8790

■ 54.5328, 47.4285,
7.6471

■ 52.5153, 43.7537,
5.8642

■ 52.0473, 42.8745,
5.5324

Harmonies

Analogous

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



82.9529, 79.1555, 62.7750



77.1933, 79.1555, 57.1090



71.2040, 79.1555, 58.3802

Triad

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



77.1933, 79.1555, 57.1090



64.7681, 79.1555, 98.4865



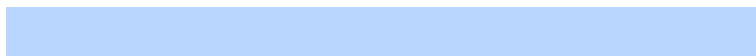
84.6548, 79.1555, 109.3932

Complementary

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



77.1933, 79.1555, 57.1090



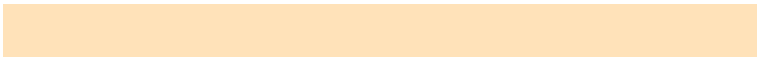
62.1035, 65.6254, 104.0015

Split Complementary

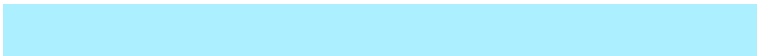
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4152, 79.1555, 121.6614



77.1933, 79.1555, 57.1090



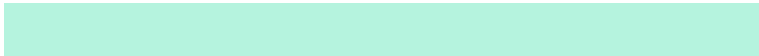
68.0111, 79.1555, 114.7973

Square

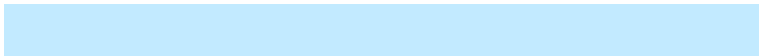
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1933, 79.1555, 57.1090



64.2449, 79.1555, 80.7450



73.3100, 79.1555, 123.7626



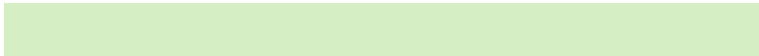
87.4119, 79.1555, 91.8680

Rectangle

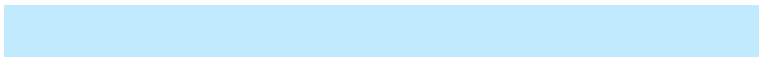
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1933, 79.1555, 57.1090



67.8715, 79.1555, 63.0662



73.3100, 79.1555, 123.7626



83.1126, 79.1555, 114.3630

Sweetspot

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



77.1953, 79.1591, 57.1106



89.3010, 93.4818, 91.6317



70.7484, 60.8224, 71.7418



18.8936, 19.7555, 18.9617



0.0000, 0.0000, 0.0000



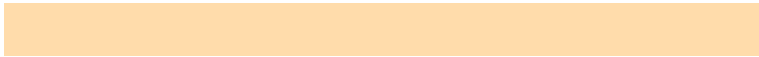
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1953, 79.1591, 57.1106



74.2076, 75.4569, 49.1066



83.6436, 95.1933, 59.8657



18.8936, 19.7555, 18.9617



27.3466, 22.7045, 2.9411



2.7705, 2.4263, 0.3223

Inverse Universe

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



62.1035, 65.6254, 104.0015



56.8124, 59.8620, 103.1679



56.8438, 52.9738, 101.8367



17.6211, 18.6137, 22.9140



12.2432, 9.3959, 50.6029



1.2968, 1.1242, 4.9619

Previews

White Background



This preview shows how the XYZ color 77.1933, 79.1555, 57.1090 looks on a white background.

Color Contrast Check

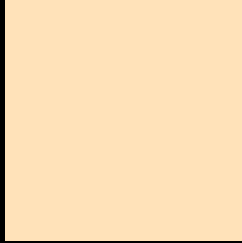
Large Text (above 18pt) WCAG AA × Fail

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 77.1933, 79.1555, 57.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

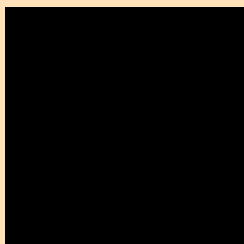
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1933, 79.1555, 57.1090

Background



This preview shows how black text looks on a background with the XYZ color 77.1933, 79.1555, 57.1090.



This preview shows how white text looks on a background with the XYZ color 77.1933, 79.1555,

57.1090.

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

77.1933, 79.1555, 57.1090

Protanopia

74.5747, 79.4146, 58.4117

Deuteranopia

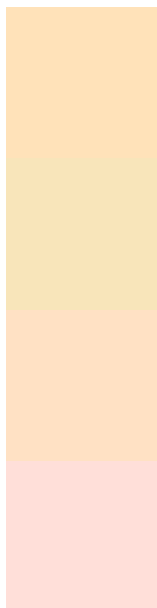
78.6751, 78.8831, 67.5792



Tritanopia

82.0918, 78.9711, 89.5135

Trichromacy



Original Color

77.1933, 79.1555, 57.1090

Protanomaly

75.5936, 79.5403, 57.8230

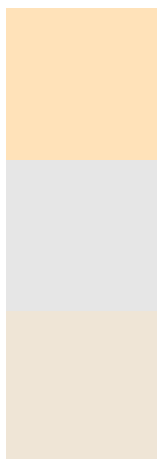
Deuteranomaly

78.1290, 79.0959, 63.3738

Tritanomaly

80.1521, 79.0451, 76.6784

Monochromacy



Original Color

77.1933, 79.1555, 57.1090

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7535, 79.2444, 74.9214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1933, 79.1555, 57.1090 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, 226, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 185)  
}
```

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, 226, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 185) }
```

Border

The CSS property to change the border of an element to XYZ 77.1933, 79.1555, 57.1090 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, 226, 185) }
```


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

```
.border{ border-color:rgb(255, 226, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 185); box-shadow:4px 4px 4px 4px rgb(255, 226, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1933, 79.1555, 57.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 185) }
```

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

```
.background{ background-color: rgb(255,  
226, 185) }
```

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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