

Converting Colors

XYZ(88.8088, 85.5902, 58.5710)

Have a look what the booklet for
XYZ(88.8088, 85.5902, 58.5710)
contains.

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Color

**XYZ(77.5720, 79.7433,
57.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3BA
RGB	255, 227, 186
RGB Percent	100%, 89%, 73%
CMY	0.0000, 0.1098, 0.2706
CMYK	0.00, 0.11, 0.27, 0.00
HSL	36°, 100%, 86%
HSV	36°, 27%, 100%
XYZ	77.5720, 79.7433, 57.7579
YIQ	230.6980, 29.8490, -6.8150

Conversions

Conversions Part 2

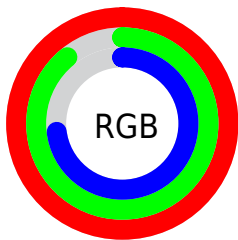
Format	Color
R _Y B	233, 255, 186
Decimal	16769978
CIE Lab	91.57, 3.60, 23.56
CIE LCh	92, 23.838, 81.318
Yxy	79.7433, 0.3607, 0.3708
Android (android.graphics.Color)	4294960058 (0xFFFFE3BA)
YUV	230.6980, -22.0361, 21.3129
Hunter-Lab	89.2991, -1.2147, 24.1611

Details

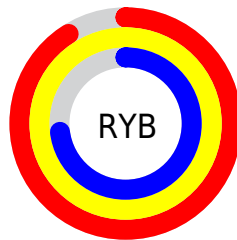
The XYZ color **77.5720, 79.7433, 57.7579** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.3456, 65.7503, 104.0128**, and the grayscale version is **75.8758, 79.8273, 86.9319**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **42.2749, 43.2043, 28.3014** is the 20% darker color. If you saturate the color by 10%, you get **72.3546, 73.2665, 43.8167**, and if you desaturate by 10%, it is **83.4471, 86.7608, 74.3068**.

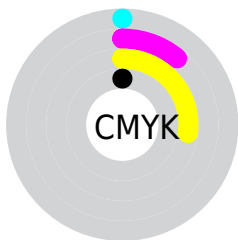
Distribution



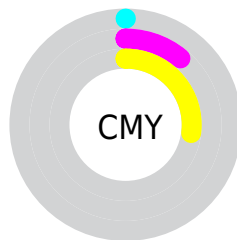
- Red (100%)
- Green (89%)
- Blue (73%)



- Red (91%)
- 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 77.5720, 79.7433, 57.7579 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 77.5720, 79.7433, 57.7579 by changing the saturation by 10% instead.


 77.5720, 79.7433,
57.7579

 77.5720, 79.7433,
57.7579


475.5742,
494.0673, 433.8562

 58.0240, 59.5071,
41.2006


 128.9152,
133.0048, 103.0815

 42.0713, 43.0215,
28.1550


161.4411,
166.7989, 132.6849

 29.3485, 29.9020,
18.2025


199.0236,
205.8811, 167.4742

 19.4902, 19.7642,
10.9245


242.0282,
250.6357, 207.8677

 12.1311, 12.2238,
5.9026

290.8202,
301.4473, 254.2842

 6.9059, 6.8963,
2.7181

345.7650,

 3.4491, 3.3973,

358.7002, 307.1421

0.9525

407.2278,
422.7787, 366.8599

■ 1.3955, 1.3425,
0.0000

■ 0.2530, 0.1738,
0.0000

■ 77.5720, 79.7433,
57.7579

■ 77.5720, 79.7433,
57.7579

■ 72.3546, 73.2665,
43.8167

■ 83.4471, 86.7608,
74.3068

■ 67.7605, 67.3036,
32.3419

■ 90.0009, 94.3237,
93.5850

■ 63.7603, 61.8408,
23.1860

95.0500, 100.0000,
108.9000

■ 60.3199, 56.8593,
16.1836

■ 57.4006, 52.3386,
11.1473

■ 54.9573, 48.2554,
7.8566

■ 52.9336, 44.5815,
6.0306

■ 52.3941, 43.5681,
5.6480

Harmonies

Analogous

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



83.3372, 79.7433, 63.2264



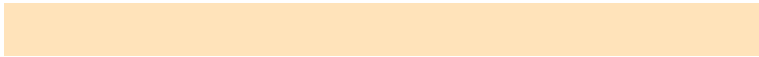
77.5720, 79.7433, 57.7579



71.6227, 79.7433, 59.2234

Triad

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



77.5720, 79.7433, 57.7579



65.4166, 79.7433, 99.5757



85.2904, 79.7433, 109.4776

Complementary

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



77.5720, 79.7433, 57.7579



62.3456, 65.7503, 104.0128

Split Complementary

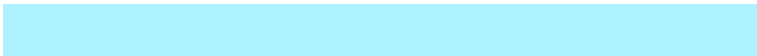
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1234, 79.7433, 121.8993



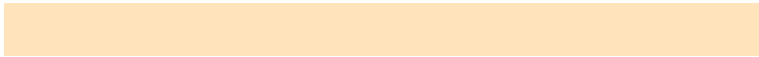
77.5720, 79.7433, 57.7579



68.7196, 79.7433, 115.6719

Square

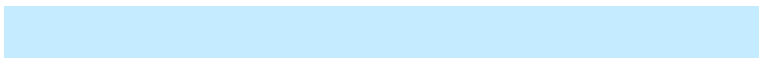
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5720, 79.7433, 57.7579



64.8148, 79.7433, 81.8705



74.0426, 79.7433, 124.3061



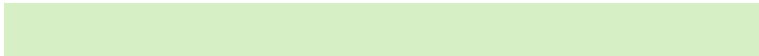
87.9470, 79.7433, 91.9794

Rectangle

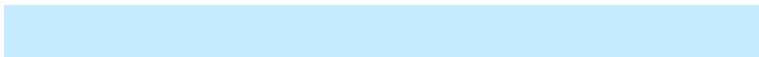
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5720, 79.7433, 57.7579



68.3344, 79.7433, 64.0310



74.0426, 79.7433, 124.3061



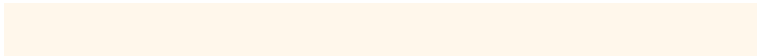
83.7768, 79.7433, 114.4775

Sweetspot

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



77.5739, 79.7469, 57.7596



89.3539, 93.5875, 91.6493



71.0331, 61.2721, 72.2053



18.9070, 19.7821, 18.9662



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.



77.5739, 79.7469, 57.7596



74.9146, 76.4786, 50.5518



83.7793, 95.2510, 60.4251



18.9070, 19.7821, 18.9662



27.5274, 23.0661, 3.0013



2.7876, 2.4605, 0.3280

Inverse Universe

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



62.3456, 65.7503, 104.0128



57.5656, 60.5368, 103.2585



57.2847, 53.5127, 101.9175



17.6080, 18.5877, 22.9097



12.1271, 9.1638, 50.5642



1.2847, 1.1001, 4.9579

Previews

White Background



This preview shows how the XYZ color 77.5720, 79.7433, 57.7579 looks on a white background.

Color Contrast Check

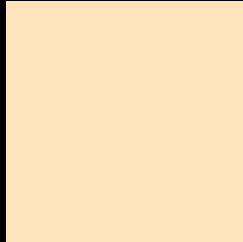
Large Text (above 18pt) WCAG AA × Fail

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 77.5720, 79.7433, 57.7579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

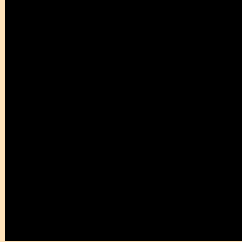
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5720, 79.7433, 57.7579

Background



This preview shows how black text looks on a background with the XYZ color 77.5720, 79.7433, 57.7579.



This preview shows how white text looks on a background with the XYZ color 77.5720, 79.7433,

57.7579.

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

77.5720, 79.7433, 57.7579

Protanopia

75.0301, 79.6369, 58.9939

Deuteranopia

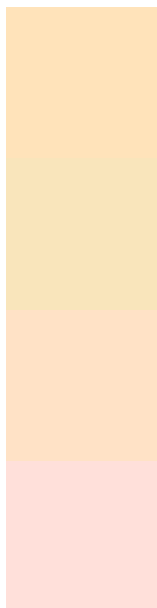
79.1847, 79.5182, 68.9327



Tritanopia

82.5016, 79.5587, 90.3649

Trichromacy



Original Color

77.5720, 79.7433, 57.7579

Protanomaly

76.0559, 79.7662, 58.4016

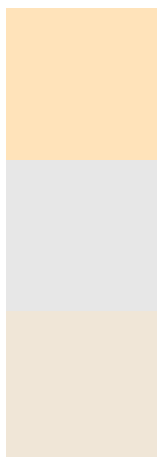
Deuteranomaly

78.6294, 79.7299, 64.6713

Tritanomaly

80.5505, 79.6333, 77.4550

Monochromacy



Original Color

77.5720, 79.7433, 57.7579

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.4977, 80.0252, 75.7045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5720, 79.7433, 57.7579 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, 227, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 186)  
}
```

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, 227, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 186) }
```

Border

The CSS property to change the border of an element to XYZ 77.5720, 79.7433, 57.7579 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, 227, 186) }
```


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

```
.border{ border-color:rgb(255, 227, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5720, 79.7433, 57.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 186) }
```

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

```
.background{ background-color: rgb(255,  
227, 186) }
```

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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