

Converting Colors

XYZ(118.4349, 100.0000,
59.3703)

Have a look what the booklet for
XYZ(118.4349, 100.0000, 59.3703)
contains.

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Color

**XYZ(77.0281, 78.6556,
57.5766)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1BA
RGB	255, 225, 186
RGB Percent	100%, 88%, 73%
CMY	0.0000, 0.1176, 0.2706
CMYK	0.00, 0.12, 0.27, 0.00
HSL	34°, 100%, 86%
HSV	34°, 27%, 100%
XYZ	77.0281, 78.6556, 57.5766
YIQ	229.5240, 30.3990, -5.7690

Conversions

Conversions Part 2

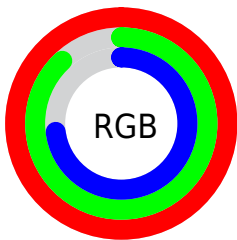
Format	Color
R_{YB}	239, 255, 186
Decimal	16769466
CIE _{Lab}	91.08, 4.62, 22.89
CIE _{LCh}	91, 23.349, 78.584
Yxy	78.6556, 0.3612, 0.3688
Android (android.graphics.Color)	4294959546 (0xFFFFE1BA)
YUV	229.5240, -21.4573, 22.3425
Hunter-Lab	88.6880, -0.1715, 23.5903

Details

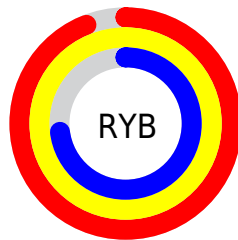
The XYZ color **77.0281, 78.6556, 57.5766** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.8549, 66.7687, 104.1826**, and the grayscale version is **75.0015, 78.9074, 85.9302**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **41.8971, 42.4487, 28.1755** is the 20% darker color. If you saturate the color by 10%, you get **71.6559, 71.8691, 43.5838**, and if you desaturate by 10%, it is **83.0827, 86.0319, 74.1853**.

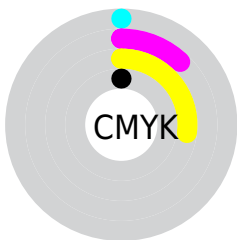
Distribution



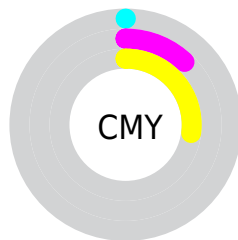
- Red (100%)
- Green (88%)
- Blue (73%)



- Red (94%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0281, 78.6556, 57.5766 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 77.0281, 78.6556, 57.5766 by changing the saturation by 10% instead.


 77.0281, 78.6556,
57.5766

 77.0281, 78.6556,
57.5766


473.7503,
490.3905, 433.1605

 57.5759, 58.6127,
41.0559

 128.1518,
131.4739, 102.8147

 41.7098, 42.3014,
28.0427


160.5540,
165.0181, 132.3692

 29.0642, 29.3374,
18.1186

198.0036,
203.8315, 167.1054

 19.2739, 19.3362,
10.8648

240.8660,
248.2985, 207.4418

 11.9736, 11.9135,
5.8630

289.5065,
298.8035, 253.7970

 6.7977, 6.6848,
2.6945

344.2905,

 3.3811, 3.2658,

355.7309, 306.5895

0.9407

405.5833,
419.4651, 366.2378

■ 1.3584, 1.2720,
0.0000

■ 0.2263, 0.1194,
0.0000

■ 77.0281, 78.6556,
57.5766

■ 77.0281, 78.6556,
57.5766

■ 71.6559, 71.8691,
43.5838

■ 83.0827, 86.0319,
74.1853

■ 66.9307, 65.6441,
32.0653

■ 89.8410, 94.0039,
93.5316

■ 62.8226, 59.9653,
22.8734

95.0500, 100.0000,
108.9000

■ 59.2965, 54.8126,
15.8425

■ 56.3130, 50.1636,
10.7848

■ 53.8264, 45.9935,
7.4797

■ 51.7790, 42.2723,
5.6457

■ 51.2362, 41.2523,
5.2621

Harmonies

Analogous

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



82.5195, 78.6556, 63.5124



77.0281, 78.6556, 57.5766



71.2018, 78.6556, 58.3873

Triad

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



77.0281, 78.6556, 57.5766



64.5128, 78.6556, 96.4213



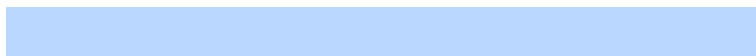
83.5954, 78.6556, 108.9869

Complementary

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



77.0281, 78.6556, 57.5766



62.8549, 66.7687, 104.1826

Split Complementary

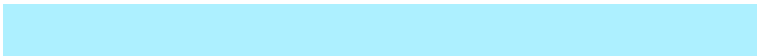
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4343, 78.6556, 120.2823



77.0281, 78.6556, 57.5766



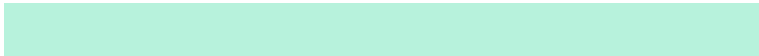
67.5025, 78.6556, 112.3952

Square

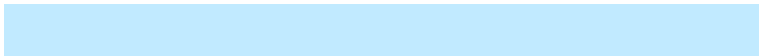
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0281, 78.6556, 57.5766



64.1806, 78.6556, 79.3706



72.5365, 78.6556, 121.6058



86.4420, 78.6556, 92.2366

Rectangle

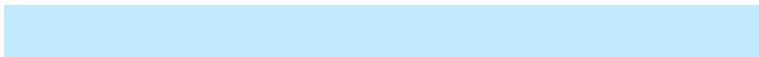
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0281, 78.6556, 57.5766



67.9046, 78.6556, 62.6704



72.5365, 78.6556, 121.6058



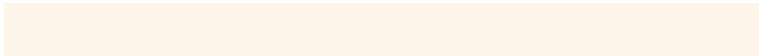
82.0615, 78.6556, 113.6372

Sweetspot

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



77.0301, 78.6592, 57.5782



89.1736, 93.2270, 91.5893



71.3303, 61.3910, 73.7706



18.8615, 19.6912, 18.9510



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.



77.0301, 78.6592, 57.5782



74.2912, 75.2318, 50.3440



84.6053, 95.6768, 60.4637



18.8615, 19.6912, 18.9510



26.9233, 21.8579, 2.8000



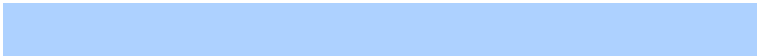
2.7302, 2.3457, 0.3089

Inverse Universe

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



62.8549, 66.7687, 104.1826



58.1412, 61.6879, 103.4503



56.7078, 53.2153, 101.8905



17.6525, 18.6767, 22.9245



12.5352, 9.9800, 50.7002



1.3268, 1.1842, 4.9719

Previews

White Background



This preview shows how the XYZ color 77.0281, 78.6556, 57.5766 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 77.0281, 78.6556, 57.5766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

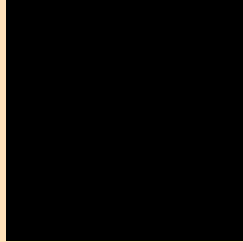
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0281, 78.6556, 57.5766

Background



This preview shows how black text looks on a background with the XYZ color 77.0281, 78.6556, 57.5766.



This preview shows how white text looks on a background with the XYZ color 77.0281, 78.6556,

57.5766.

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

77.0281, 78.6556, 57.5766

Protanopia

74.0586, 78.7241, 58.8689

Deuteranopia

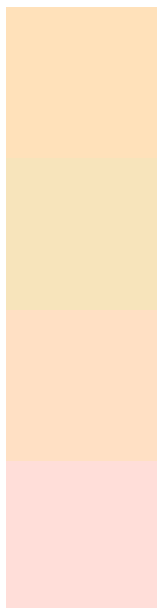
78.5563, 78.8356, 66.9535



Tritanopia

81.6845, 78.3869, 88.6669

Trichromacy



Original Color

77.0281, 78.6556, 57.5766

Protanomaly

75.0708, 78.8488, 58.2764

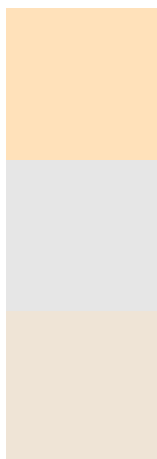
Deuteranomaly

77.8595, 78.5568, 63.2839

Tritanomaly

79.8857, 78.5123, 76.5896

Monochromacy



Original Color

77.0281, 78.6556, 57.5766

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4776, 78.6926, 74.8294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0281, 78.6556, 57.5766 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, 225, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 186) }
```

Border

The CSS property to change the border of an element to XYZ 77.0281, 78.6556, 57.5766 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, 225, 186) }
```


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

```
.border{ border-color:rgb(255, 225, 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, 225, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 225, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 225, 186); box-shadow:4px 4px 4px 4px rgb(255, 225, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0281, 78.6556, 57.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 186) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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