

Converting Colors

XYZ(87.5749, 83.1335, 62.8807)

Have a look what the booklet for
XYZ(87.5749, 83.1335, 62.8807)
contains.

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Color

**XYZ(77.4780, 77.9755,
62.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFC3
RGB	255, 223, 195
RGB Percent	100%, 87%, 76%
CMY	0.0000, 0.1255, 0.2353
CMYK	0.00, 0.13, 0.24, 0.00
HSL	28°, 100%, 88%
HSV	28°, 24%, 100%
XYZ	77.4780, 77.9755, 62.5970
YIQ	229.3760, 28.0600, -1.9240

Conversions

Conversions Part 2

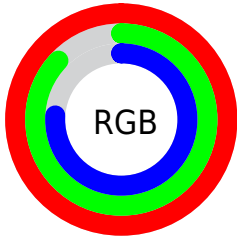
Format	Color
R _Y B	255, 248, 195
Decimal	16768963
CIE Lab	90.77, 6.86, 17.78
CIE LCh	91, 19.061, 68.901
Yxy	77.9755, 0.3553, 0.3576
Android (android.graphics.Color)	4294959043 (0xFFFFDFC3)
YUV	229.3760, -16.9474, 22.4722
Hunter-Lab	88.3037, 2.0850, 19.7830

Details

The XYZ color **77.4780, 77.9755, 62.5970** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.0240, 73.7580, 105.2592**, and the grayscale version is **74.8612, 78.7598, 85.7694**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **42.0991, 41.9341, 31.0745** is the 20% darker color. If you saturate the color by 10%, you get **71.3495, 69.9452, 47.5238**, and if you desaturate by 10%, it is **84.3945, 86.7933, 80.3638**.

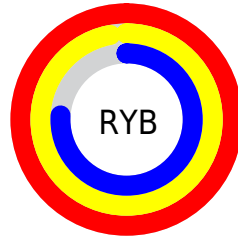
Distribution



Red (100%)

Green (87%)

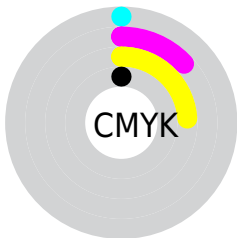
Blue (76%)



Red (100%)

Yellow (97%)

Blue (76%)

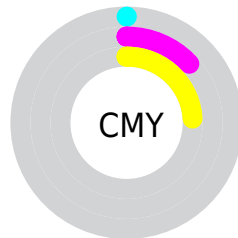


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4780, 77.9755, 62.5970 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 77.4780, 77.9755, 62.5970 by changing the saturation by 10% instead.


 77.4780, 77.9755,
62.5970

 77.4780, 77.9755,
62.5970


475.2592,
488.0836, 452.1731

 57.9466, 58.0539,
45.0764


128.7833,
130.5156, 110.1679

 42.0088, 41.8519,
31.1742


161.2878,
163.9028, 141.0551

 29.2993, 28.9854,
20.4719


198.8474,
202.5474, 177.2351

 19.4528, 19.0698,
12.5511

241.8275,
246.8336, 219.1262

 12.1038, 11.7207,
6.9931

290.5934,
297.1460, 267.1470

 6.8871, 6.5538,
3.3794

345.5104,

 3.4373, 3.1846,

353.8688, 321.7160

1.2915

406.9439,
417.3866, 383.2519

■ 1.3890, 1.2289,
0.0548

■ 0.2484, 0.0851,
0.0000

■ 77.4780, 77.9755,
62.5970

■ 77.4780, 77.9755,
62.5970

■ 71.3495, 69.9452,
47.5238

■ 84.3945, 86.7933,
80.3638

■ 65.9715, 62.6683,
35.0054

■ 92.1232, 96.4106,
100.9439

■ 61.3116, 56.1233,
24.8977

95.0500, 100.0000,
108.9000

■ 57.3324, 50.2834,
17.0403

■ 53.9926, 45.1199,
11.2528

■ 51.2449, 40.6011,
7.3265

■ 49.0334, 36.6910,
5.0078

■ 47.8396, 34.4591,
4.1299

Harmonies

Analogous

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



81.5135, 77.9755, 69.3936



77.4780, 77.9755, 62.5970



72.6976, 77.9755, 61.4208

Triad

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



77.4780, 77.9755, 62.5970



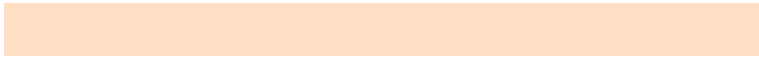
65.3826, 77.9755, 89.0487



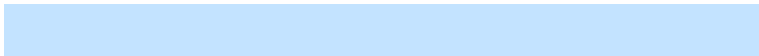
80.0481, 77.9755, 107.1250

Complementary

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



77.4780, 77.9755, 62.5970



68.0240, 73.7580, 105.2592

Split Complementary

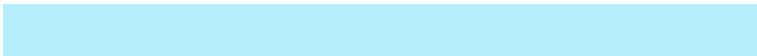
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5475, 77.9755, 113.7143



77.4780, 77.9755, 62.5970



67.1753, 77.9755, 102.5644

Square

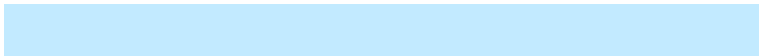
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.4780, 77.9755, 62.5970



65.8496, 77.9755, 75.7577



70.8476, 77.9755, 111.9611



83.0412, 77.9755, 94.7541

Rectangle

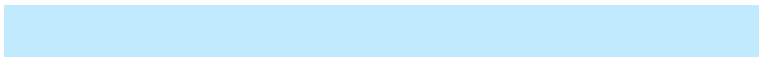
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4780, 77.9755, 62.5970



69.7512, 77.9755, 63.8430



70.8476, 77.9755, 111.9611



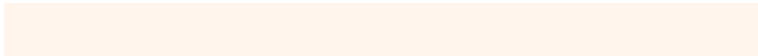
78.6537, 77.9755, 110.1470

Sweetspot

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



77.4799, 77.9790, 62.5986



89.3463, 92.9798, 93.4736



74.6207, 65.8371, 81.4485



19.0226, 19.7760, 19.7368



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.



77.4799, 77.9790, 62.5986



74.6437, 74.2917, 55.5335



86.2158, 95.4508, 65.5106



18.7083, 19.3848, 18.8999



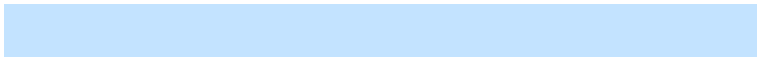
25.1434, 18.2981, 2.2067



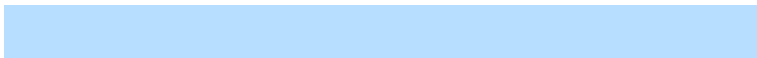
2.5562, 1.9979, 0.2509

Inverse Universe

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



68.0240, 73.7580, 105.2592



63.7561, 69.4303, 104.6488



60.5228, 58.7556, 102.7588



17.8051, 18.9818, 22.9754



14.1812, 13.2720, 51.2489



1.4902, 1.5111, 5.0264

Previews

White Background



This preview shows how the XYZ color 77.4780, 77.9755, 62.5970 looks on a white background.

Color Contrast Check

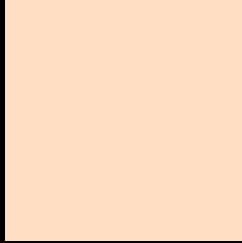
Large Text (above 18pt) WCAG AA × Fail

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 77.4780, 77.9755, 62.5970 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 77.4780, 77.9755, 62.5970

Background



This preview shows how black text looks on a background with the XYZ color 77.4780, 77.9755, 62.5970.



This preview shows how white text looks on a background with the XYZ color 77.4780, 77.9755,

62.5970.

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

77.4780, 77.9755, 62.5970

Protanopia

73.8716, 78.0893, 64.6054

Deuteranopia

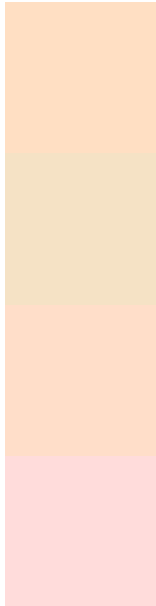
78.2604, 77.8622, 68.0309



Tritanopia

81.2795, 77.8062, 87.8250

Trichromacy



Original Color

77.4780, 77.9755, 62.5970

Protanomaly

74.9306, 77.8364, 63.8980

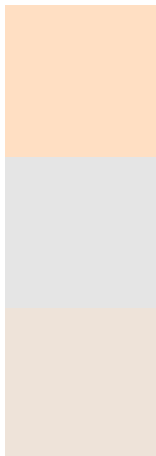
Deuteranomaly

77.9039, 77.7196, 66.1537

Tritanomaly

79.6194, 77.5609, 77.7922

Monochromacy



Original Color

77.4780, 77.9755, 62.5970

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2534, 78.1251, 76.7590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4780, 77.9755, 62.5970 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, 223, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 195)  
}
```

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, 223, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 195) }
```

Border

The CSS property to change the border of an element to XYZ 77.4780, 77.9755, 62.5970 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, 223, 195) }
```


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

```
.border{ border-color:rgb(255, 223, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4780, 77.9755, 62.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 195) }
```

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

```
.background{ background-color: rgb(255,  
223, 195) }
```

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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