

Converting Colors

XYZ(118.2403, 100.0000,
64.2650)

Have a look what the booklet for
XYZ(118.2403, 100.0000, 64.2650)
contains.

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Color

**XYZ(78.1740, 79.5478,
62.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2C2
RGB	255, 226, 194
RGB Percent	100%, 89%, 76%
CMY	0.0000, 0.1137, 0.2392
CMYK	0.00, 0.11, 0.24, 0.00
HSL	31°, 100%, 88%
HSV	31°, 24%, 100%
XYZ	78.1740, 79.5478, 62.2730
YIQ	231.0230, 27.5560, -3.8040

Conversions

Conversions Part 2

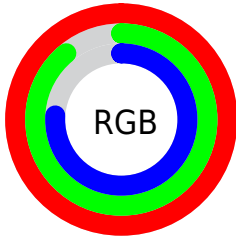
Format	Color
R_YB	249, 255, 194
Decimal	16769730
CIE Lab	91.48, 5.18, 19.30
CIE LCh	91, 19.984, 74.967
Yxy	79.5478, 0.3553, 0.3616
Android (android.graphics.Color)	4294959810 (0xFFFFE2C2)
YUV	231.0230, -18.2523, 21.0278
Hunter-Lab	89.1896, 0.3722, 21.0359

Details

The XYZ color **78.1740, 79.5478, 62.2730** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.6851, 71.4625, 104.8867**, and the grayscale version is **76.0917, 80.0543, 87.1792**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **42.5852, 43.0250, 30.8711** is the 20% darker color. If you saturate the color by 10%, you get **72.3724, 72.1412, 47.4016**, and if you desaturate by 10%, it is **84.7039, 87.6240, 79.8135**.

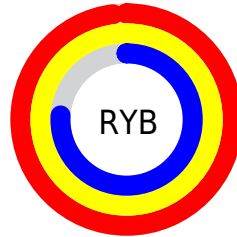
Distribution



Red (100%)

Green (89%)

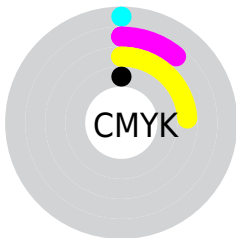
Blue (76%)



Red (98%)

Yellow (100%)

Blue (76%)

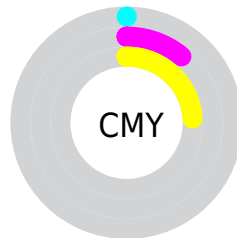


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1740, 79.5478, 62.2730 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 78.1740, 79.5478, 62.2730 by changing the saturation by 10% instead.


 78.1740, 79.5478,
62.2730

 78.1740, 79.5478,
62.2730

477.5883,
493.4076, 450.9613

 58.5202, 59.3463,
44.8161


129.7594,
132.7298, 109.6954

 42.4719, 42.8920,
30.9707


162.4218,
166.4790, 140.4980

 29.6637, 29.8004,
20.3183


200.1511,
205.5130, 176.5863

 19.7303, 19.6871,
12.4402

243.3126,
250.2161, 218.3787

 12.3062, 12.1678,
6.9181

292.2717,
300.9728, 266.2939

 7.0263, 6.8581,
3.3332

347.3938,

 3.5250, 3.3735,

358.1673, 320.7504

1.2672

409.0442,
422.1841, 382.1667

■ 1.4371, 1.3297,
0.0347

■ 0.2824, 0.1640,
0.0000

■ 78.1740, 79.5478,
62.2730

■ 78.1740, 79.5478,
62.2730

■ 72.3724, 72.1412,
47.4016

■ 84.7039, 87.6240,
79.8135

■ 67.2635, 65.3741,
35.0606

■ 91.9843, 96.3779,
100.1424

■ 62.8170, 59.2293,
25.1063

95.0500, 100.0000,
108.9000

■ 58.9976, 53.6843,
17.3782

■ 55.7662, 48.7152,
11.6960

■ 53.0778, 44.2952,
7.8503

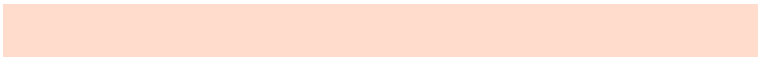
■ 50.8786, 40.3935,
5.5860

■ 49.7366, 38.2532,
4.7622

Harmonies

Analogous

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



82.7435, 79.5478, 68.2827



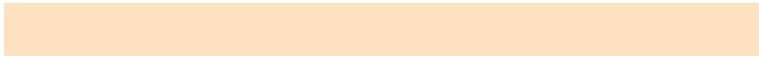
78.1740, 79.5478, 62.2730



73.1090, 79.5478, 62.2663

Triad

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



78.1740, 79.5478, 62.2730



66.5442, 79.5478, 94.0541



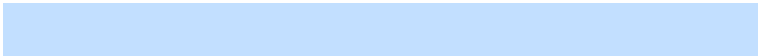
82.7350, 79.5478, 107.9899

Complementary

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



78.1740, 79.5478, 62.2730



66.6851, 71.4625, 104.8867

Split Complementary

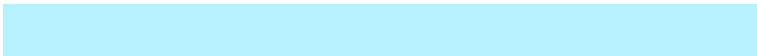
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1629, 79.5478, 116.6019



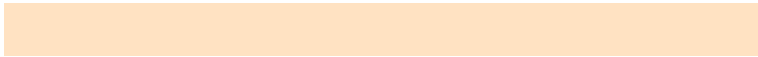
78.1740, 79.5478, 62.2730



68.8946, 79.5478, 107.9635

Square

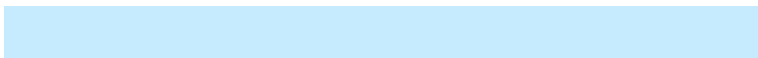
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1740, 79.5478, 62.2730



66.5469, 79.5478, 79.5476



73.0984, 79.5478, 116.5918



85.4560, 79.5478, 94.0870

Rectangle

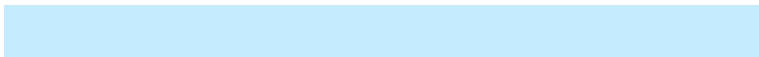
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1740, 79.5478, 62.2730



70.1380, 79.5478, 65.6212



73.0984, 79.5478, 116.5918



81.3548, 79.5478, 111.6653

Sweetspot

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



78.1759, 79.5513, 62.2747



89.6608, 93.6088, 93.5784



73.9169, 65.1983, 78.8435



19.0954, 19.9216, 19.7611



0.0000, 0.0000, 0.0000



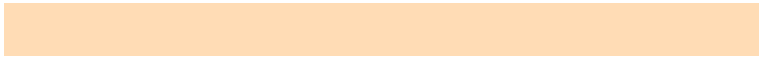
20.3446, 21.4041, 23.3091

Same Dimension

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



78.1759, 79.5513, 62.2747



75.1395, 75.7060, 54.3954



86.3648, 96.4828, 65.1112



18.7981, 19.5644, 18.9299



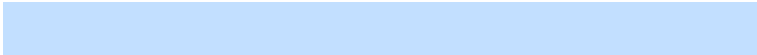
26.1391, 20.2895, 2.5386



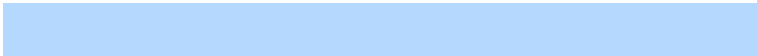
2.6545, 2.1944, 0.2837

Inverse Universe

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



66.6851, 71.4625, 104.8867



61.7249, 66.2640, 104.1447



59.8527, 57.4090, 102.5342



17.7152, 18.8020, 22.9454



13.1645, 11.2385, 50.9100



1.3903, 1.3112, 4.9931

Previews

White Background



This preview shows how the XYZ color 78.1740, 79.5478, 62.2730 looks on a white background.

Color Contrast Check

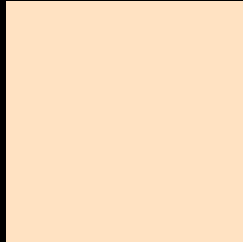
Large Text (above 18pt) WCAG AA × Fail

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 78.1740, 79.5478, 62.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

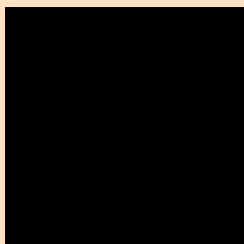
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1740, 79.5478, 62.2730

Background



This preview shows how black text looks on a background with the XYZ color 78.1740, 79.5478, 62.2730.



This preview shows how white text looks on a background with the XYZ color 78.1740, 79.5478,

62.2730.

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

78.1740, 79.5478, 62.2730

Protanopia

75.2228, 79.6338, 63.6308

Deuteranopia

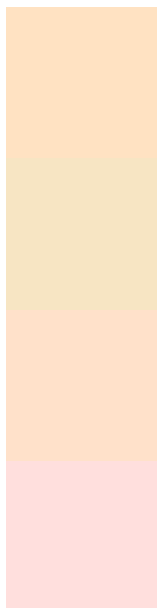
79.4277, 79.6154, 70.2125



Tritanopia

82.5016, 79.5587, 90.3649

Trichromacy



Original Color

78.1740, 79.5478, 62.2730

Protanomaly

76.2274, 79.7529, 63.0060

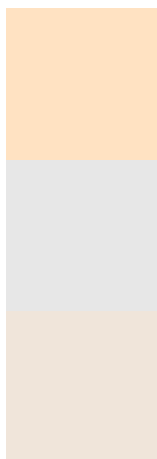
Deuteranomaly

78.8259, 79.3747, 67.0434

Tritanomaly

80.6788, 79.2558, 79.4523

Monochromacy



Original Color

78.1740, 79.5478, 62.2730

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.6094, 79.6258, 77.6612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1740, 79.5478, 62.2730 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 194) }
```

Border

The CSS property to change the border of an element to XYZ 78.1740, 79.5478, 62.2730 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, 194) }
```


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

```
.border{ border-color:rgb(255, 226, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 194); box-shadow:4px 4px 4px 4px rgb(255, 226, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1740, 79.5478, 62.2730 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
226, 194) }
```

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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