

Converting Colors

XYZ(78.8116, 79.6686, 57.2866)

Have a look what the booklet for
XYZ(78.8116, 79.6686, 57.2866)
contains.

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Color

**XYZ(76.9222, 78.6132,
57.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1B9
RGB	255, 225, 185
RGB Percent	100%, 88%, 73%
CMY	0.0000, 0.1176, 0.2745
CMYK	0.00, 0.12, 0.27, 0.00
HSL	34°, 100%, 86%
HSV	34°, 27%, 100%
XYZ	76.9222, 78.6132, 57.0186
YIQ	229.4100, 30.7200, -6.0800

Conversions

Conversions Part 2

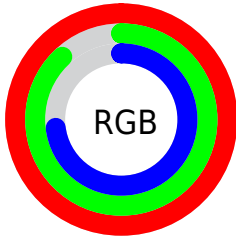
Format	Color
R _Y B	238, 255, 185
Decimal	16769465
CIE Lab	91.06, 4.49, 23.38
CIE LCh	91, 23.806, 79.126
Yxy	78.6132, 0.3619, 0.3699
Android (android.graphics.Color)	4294959545 (0xFFFFE1B9)
YUV	229.4100, -21.8941, 22.4424
Hunter-Lab	88.6641, -0.3011, 23.9363

Details

The XYZ color **76.9222, 78.6132, 57.0186** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.3574, 66.1332, 104.0861**, and the grayscale version is **74.9202, 78.8219, 85.8371**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **41.5655, 42.2857, 27.8010** is the 20% darker color. If you saturate the color by 10%, you get **71.6084, 71.9142, 43.1364**, and if you desaturate by 10%, it is **82.9116, 85.8905, 73.5098**.

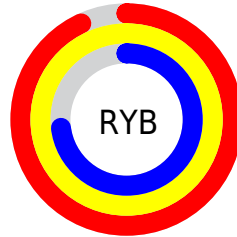
Distribution



Red (100%)

Green (88%)

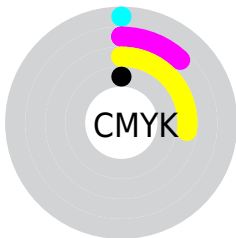
Blue (73%)



Red (93%)

Yellow (100%)

Blue (73%)

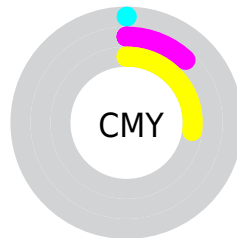


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.9222, 78.6132, 57.0186 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 76.9222, 78.6132, 57.0186 by changing the saturation by 10% instead.


 76.9222, 78.6132,
57.0186

 76.9222, 78.6132,
57.0186


473.3947,
490.2468, 431.0147

 57.4887, 58.5778,
40.6107


 128.0031,
131.4142, 101.9929

 41.6394, 42.2734,
27.6976


160.3812,
164.9486, 131.3965

 29.0089, 29.3154,
17.8608


197.8049,
203.7515, 165.9689

 19.2319, 19.3196,
10.6817

240.6396,
248.2072, 206.1289

 11.9430, 11.9014,
5.7418

289.2505,
298.7003, 252.2950

 6.7768, 6.6766,
2.6225

344.0031,

 3.3680, 3.2607,

355.6149, 304.8856

0.9040

405.2627,
419.3357, 364.3193

■ 1.3512, 1.2693,
0.0000

■ 0.2211, 0.1172,
0.0000

■ 76.9222, 78.6132,
57.0186

■ 76.9222, 78.6132,
57.0186

■ 71.6084, 71.9142,
43.1364

■ 82.9116, 85.8905,
73.5098

■ 66.9353, 65.7655,
31.7211

■ 89.5984, 93.7518,
92.7319

■ 62.8730, 60.1523,
22.6246

95.0500, 100.0000,
108.9000

■ 59.3864, 55.0545,
15.6806

■ 56.4359, 50.4501,
10.7002

■ 53.9759, 46.3145,
7.4614

■ 51.9473, 42.6176,
5.6748

■ 51.4780, 41.7359,
5.3427

Harmonies

Analogous

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



82.5450, 78.6132, 62.9171



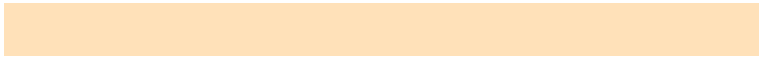
76.9222, 78.6132, 57.0186



70.9943, 78.6132, 57.9647

Triad

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



76.9222, 78.6132, 57.0186



64.3180, 78.6132, 96.9125



83.8090, 78.6132, 109.1488

Complementary

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



76.9222, 78.6132, 57.0186



62.3574, 66.1332, 104.0861

Split Complementary

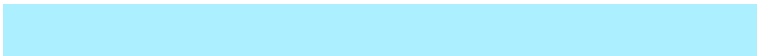
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5728, 78.6132, 120.8533



76.9222, 78.6132, 57.0186



67.4049, 78.6132, 113.1600

Square

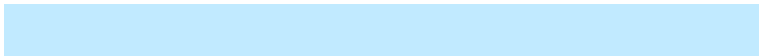
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9222, 78.6132, 57.0186



63.9290, 78.6132, 79.4998



72.5592, 78.6132, 122.4125



86.6606, 78.6132, 91.9970

Rectangle

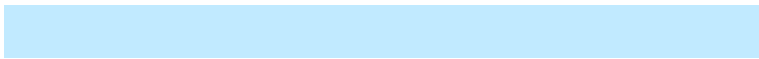
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9222, 78.6132, 57.0186



67.6574, 78.6132, 62.3898



72.5592, 78.6132, 122.4125



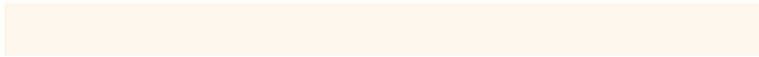
82.2567, 78.6132, 113.9437

Sweetspot

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



76.9241, 78.6167, 57.0202



89.2122, 93.3041, 91.6021



70.8981, 60.8822, 72.5302



18.8712, 19.7107, 18.9542



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

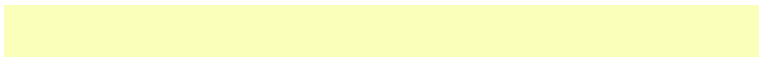
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9241, 78.6167, 57.0202



73.8929, 74.8275, 49.0017



84.0611, 95.4085, 59.8852



18.8712, 19.7107, 18.9542



27.0496, 22.1104, 2.8421



2.7422, 2.3698, 0.3129

Inverse Universe

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



62.3574, 66.1332, 104.0861



57.1024, 60.4420, 103.2646



56.5519, 52.8232, 101.8230



17.6430, 18.6576, 22.9213



12.4450, 9.7996, 50.6702



1.3175, 1.1658, 4.9688

Previews

White Background



This preview shows how the XYZ color 76.9222, 78.6132, 57.0186 looks on a white background.

Color Contrast Check

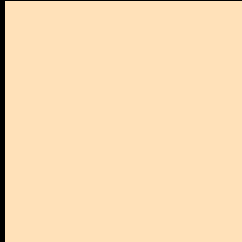
Large Text (above 18pt) WCAG AA × Fail

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 76.9222, 78.6132, 57.0186 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 76.9222, 78.6132, 57.0186

Background



This preview shows how black text looks on a background with the XYZ color 76.9222, 78.6132, 57.0186.



This preview shows how white text looks on a background with the XYZ color 76.9222, 78.6132,

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

76.9222, 78.6132, 57.0186

Protanopia

73.9511, 78.6812, 58.3031

Deuteranopia

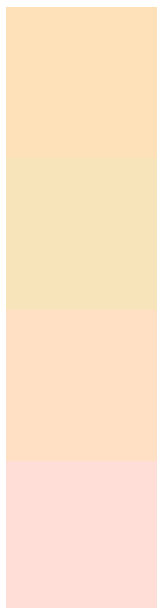
78.5563, 78.8356, 66.9535



Tritanopia

81.6845, 78.3869, 88.6669

Trichromacy



Original Color

76.9222, 78.6132, 57.0186

Protanomaly

74.9641, 78.8061, 57.7144

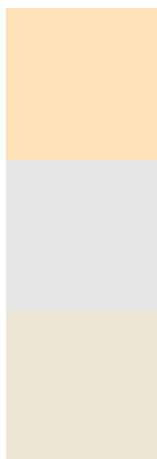
Deuteranomaly

77.8595, 78.5568, 63.2839

Tritanomaly

79.7559, 78.4604, 75.9065

Monochromacy



Original Color

76.9222, 78.6132, 57.0186

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.0135, 78.4680, 74.1430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9222, 78.6132, 57.0186 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 185) }
```

Border

The CSS property to change the border of an element to XYZ 76.9222, 78.6132, 57.0186 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, 185) }
```


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

```
.border{ border-color:rgb(255, 225, 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, 225, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9222, 78.6132, 57.0186 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, 185) }
```

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

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