

Converting Colors

XYZ(74.1578, 75.9701, 57.7689)

Have a look what the booklet for
XYZ(74.1578, 75.9701, 57.7689)
contains.

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Color

**XYZ(74.1578, 75.9701,
57.7689)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DEBB
RGB	249, 222, 187
RGB Percent	98%, 87%, 73%
CMY	0.0235, 0.1294, 0.2667
CMYK	0.00, 0.11, 0.25, 0.02
HSL	34°, 84%, 85%
HSV	34°, 25%, 98%
XYZ	74.1578, 75.9701, 57.7689
YIQ	226.0830, 27.3270, -5.1610

Conversions

Conversions Part 2

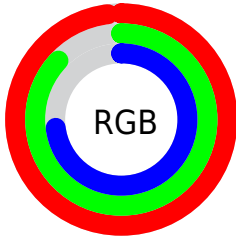
Format	Color
R _Y B	235, 249, 187
Decimal	16375483
CIE Lab	89.85, 4.07, 20.58
CIE LCh	90, 20.981, 78.810
Yxy	75.9701, 0.3567, 0.3654
Android (android.graphics.Color)	4294565563 (0xFFF9DEBB)
YUV	226.0830, -19.2679, 20.0982
Hunter-Lab	87.1608, -0.6608, 21.7161

Details

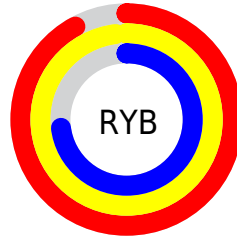
The XYZ color **74.1578, 75.9701, 57.7689** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.6385, 65.4958, 99.0161**, and the grayscale version is **72.4715, 76.2457, 83.0316**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **39.8600, 40.5651, 28.2833** is the 20% darker color. If you saturate the color by 10%, you get **68.9329, 69.4224, 43.9966**, and if you desaturate by 10%, it is **80.0341, 83.0799, 74.0403**.

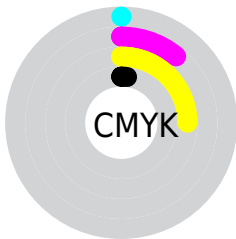
Distribution



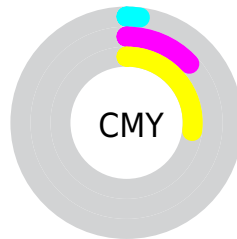
- Red (98%)
- Green (87%)
- Blue (73%)



- Red (92%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1578, 75.9701, 57.7689 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 74.1578, 75.9701, 57.7689 by changing the saturation by 10% instead.


 74.1578, 75.9701,
57.7689

 74.1578, 75.9701,
57.7689

464.0597,
481.2453, 433.8984

 55.2149, 56.4080,
41.2094


 124.1138,
127.6846, 103.0977

 39.8084, 40.5301,
28.1618


155.8576,
160.6059, 132.7041

 27.5727, 27.9521,
18.2076


192.5991,
198.7489, 167.4965

 18.1426, 18.2896,
10.9281

234.7037,
242.4982, 207.8936

 11.1527, 11.1581,
5.9050

282.5367,
292.2381, 254.3137

 6.2377, 6.1733,
2.7195

336.4635,

 3.0322, 2.9507,

348.3529, 307.1756

0.9532

396.8494,
411.2272, 366.8976

■ 1.1708, 1.1061,
0.0000

■ 0.0831, 0.0000,
0.0000

■ 74.1578, 75.9701,
57.7689

■ 74.1578, 75.9701,
57.7689

■ 68.9329, 69.4224,
43.9966

■ 80.0341, 83.0799,
74.0403

■ 64.3261, 63.4101,
32.5919

■ 86.5814, 90.7571,
92.9237

■ 60.3099, 57.9191,
23.4183

■ 92.7275, 98.5807,
108.7485

■ 56.8519, 52.9306,
16.3233

■ 92.8770, 98.8798,
108.7983

■ 53.9159, 48.4241,
11.1351

■ 51.4602, 44.3766,
7.6535

■ 49.4345, 40.7615,
5.6330

■ 48.5309, 39.0675,
4.9829

Harmonies

Analogous

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



78.9684, 75.9701, 63.0529



74.1578, 75.9701, 57.7689



69.0427, 75.9701, 58.5448

Triad

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



74.1578, 75.9701, 57.7689



63.1821, 75.9701, 92.2627



79.9663, 75.9701, 102.9654

Complementary

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



74.1578, 75.9701, 57.7689



61.6385, 65.4958, 99.0161

Split Complementary

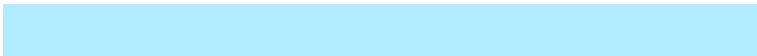
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4672, 75.9701, 112.7702



74.1578, 75.9701, 57.7689



65.8436, 75.9701, 106.0991

Square

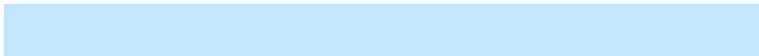
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1578, 75.9701, 57.7689



62.8691, 75.9701, 77.3046



70.2913, 75.9701, 113.9811



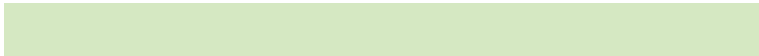
82.4272, 75.9701, 88.3795

Rectangle

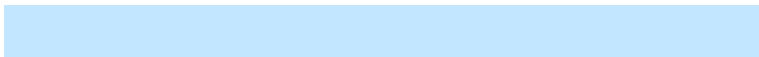
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1578, 75.9701, 57.7689



66.1421, 75.9701, 62.4194



70.2913, 75.9701, 113.9811



78.6324, 75.9701, 107.0008

Sweetspot

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



74.1598, 75.9735, 57.7705



89.8786, 94.0443, 93.6510



69.0908, 60.5825, 72.2755



19.1459, 20.0225, 19.7779



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

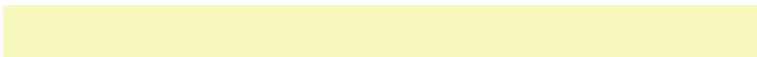
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1598, 75.9735, 57.7705



75.3657, 76.5735, 53.1911



80.8167, 90.9143, 60.3035



18.0578, 18.8515, 18.1494



26.1218, 21.2002, 2.7153



2.5248, 2.1744, 0.2866

Inverse Universe

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



61.6385, 65.4958, 99.0161



60.0206, 63.7354, 103.7465



56.1303, 53.3413, 96.9603



16.9047, 17.8863, 21.9467



12.1822, 9.7199, 49.2076



1.2316, 1.1068, 4.5919

Previews

White Background



This preview shows how the XYZ color 74.1578, 75.9701, 57.7689 looks on a white background.

Color Contrast Check

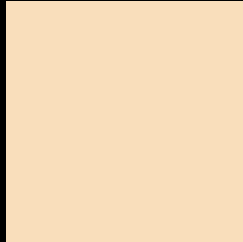
Large Text (above 18pt) WCAG AA × Fail

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 74.1578, 75.9701, 57.7689 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 74.1578, 75.9701, 57.7689

Background



This preview shows how black text looks on a background with the XYZ color 74.1578, 75.9701, 57.7689.



This preview shows how white text looks on a background with the XYZ color 74.1578, 75.9701,

57.7689.

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

74.1578, 75.9701, 57.7689

Protanopia

71.9783, 76.4176, 59.1005

Deuteranopia

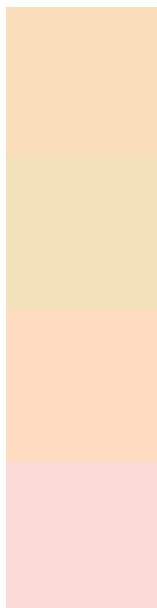
76.5353, 75.9086, 62.8425



Tritanopia

79.9944, 76.0088, 86.7989

Trichromacy



Original Color

74.1578, 75.9701, 57.7689

Protanomaly

72.9645, 76.5360, 58.5042

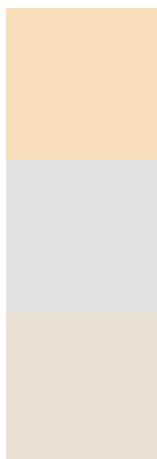
Deuteranomaly

75.7269, 75.9193, 61.1147

Tritanomaly

77.6110, 75.7961, 75.5053

Monochromacy



Original Color

74.1578, 75.9701, 57.7689

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7406, 76.0963, 73.1416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1578, 75.9701, 57.7689 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(249, 222, 187)` looks like.

```
.text, #text, p{  
    color:rgb(249, 222, 187)  
}
```

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(249, 222, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 222, 187) }
```

Border

The CSS property to change the border of an element to XYZ 74.1578, 75.9701, 57.7689 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(249, 222, 187) }
```


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

```
.border{ border-color:rgb(249, 222, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 222, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 222, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 222, 187);  
box-shadow:4px 4px 4px 4px rgb(249, 222,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1578, 75.9701, 57.7689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 222, 187) }
```

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

```
.background{ background-color: rgb(249,  
222, 187) }
```

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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