

Converting Colors

XYZ(77.2311, 78.4903, 73.3326)

Have a look what the booklet for
XYZ(77.2311, 78.4903, 73.3326)
contains.

XYZ(77.1667, 78.3781, 73.3487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.1667, 78.3781,
73.3487)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E1D4
RGB	247, 225, 212
RGB Percent	97%, 88%, 83%
CMY	0.0314, 0.1176, 0.1686
CMYK	0.00, 0.09, 0.14, 0.03
HSL	22°, 69%, 90%
HSV	22°, 14%, 97%
XYZ	77.1667, 78.3781, 73.3487
YIQ	230.0960, 17.2850, 0.6210

Conversions

Conversions Part 2

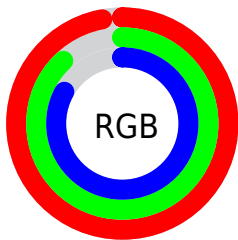
Format	Color
R _Y B	247, 233, 212
Decimal	16245204
CIE Lab	90.95, 5.44, 9.08
CIE LCh	91, 10.584, 59.043
Yxy	78.3781, 0.3371, 0.3424
Android (android.graphics.Color)	4294435284 (0xFFFF7E1D4)
YUV	230.0960, -8.9213, 14.8248
Hunter-Lab	88.5314, 0.6561, 12.8499

Details

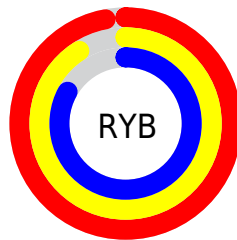
The XYZ color **77.1667, 78.3781, 73.3487** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3623, 79.5564, 99.4858**, and the grayscale version is **75.3417, 79.2653, 86.3199**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6957, 42.1309, 37.8328** is the 20% darker color. If you saturate the color by 10%, you get **70.2794, 69.2137, 56.8386**, and if you desaturate by 10%, it is **84.9165, 88.5032, 92.4997**.

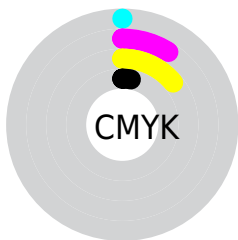
Distribution



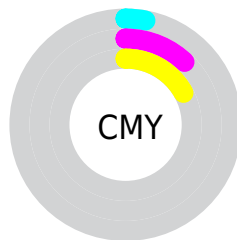
- Red (97%)
- Green (88%)
- Blue (83%)



- Red (97%)
- Yellow (91%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.1667, 78.3781, 73.3487 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 77.1667, 78.3781, 73.3487 by changing the saturation by 10% instead.


 77.1667, 78.3781,
73.3487

 77.1667, 78.3781,
73.3487


474.2154,
489.4499, 491.3256

 57.6901, 58.3846,
53.7676


128.3464,
131.0830, 125.6976

 41.8019, 42.1179,
38.0240


160.7801,
164.5632, 159.3025

 29.1366, 29.1937,
25.6993


198.2637,
203.3078, 198.4190

 19.3290, 19.2274,
16.3751

241.1624,
247.7011, 243.4658

 12.0136, 11.8347,
9.6327

289.8415,
298.1276, 294.8613

 6.8252, 6.6312,
5.0537

344.6665,

 3.3984, 3.2326,

354.9716, 353.0240

2.2195

406.0027,
418.6176, 418.3726

■ 1.3678, 1.2543,
0.6856

■ 0.2331, 0.1054,
0.0000

■ 77.1667, 78.3781,
73.3487

■ 77.1667, 78.3781,
73.3487

■ 70.2794, 69.2137,
56.8386

■ 84.9165, 88.5032,
92.4997

■ 64.2164, 60.9707,
42.8473

■ 92.1681, 98.5143,
108.7651

■ 58.9462, 53.6221,
31.2506

■ 54.4324, 47.1357,
21.9115

■ 50.6354, 41.4773,
14.6789

■ 47.5117, 36.6098,
9.3831

■ 45.0117, 32.4928,
5.8276

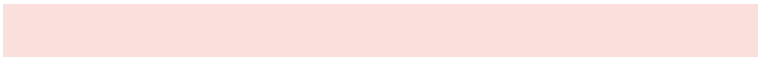
■ 43.0769, 29.0808,
3.7726

■ 42.1659, 27.3899,
3.0644

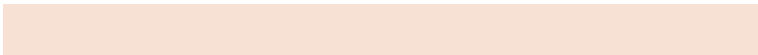
Harmonies

Analogous

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



79.0725, 78.3781, 78.4033



77.1667, 78.3781, 73.3487



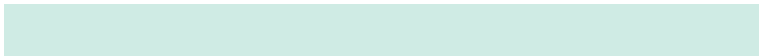
74.5817, 78.3781, 71.4745

Triad

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



77.1667, 78.3781, 73.3487



69.4825, 78.3781, 85.0953



77.0149, 78.3781, 98.8431

Complementary

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



77.1667, 78.3781, 73.3487



73.3623, 79.5564, 99.4858

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.



74.4104, 78.3781, 100.8928



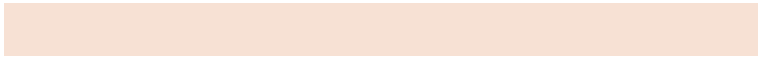
77.1667, 78.3781, 73.3487



70.0996, 78.3781, 92.6751

Square

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



77.1667, 78.3781, 73.3487



70.1819, 78.3781, 78.0024



71.8877, 78.3781, 98.5727



78.9834, 78.3781, 93.1248

Rectangle

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



77.1667, 78.3781, 73.3487



72.8344, 78.3781, 72.1897



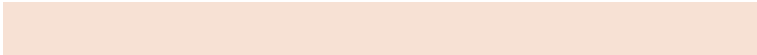
71.8877, 78.3781, 98.5727



76.1828, 78.3781, 99.9985

Sweetspot

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



77.1688, 78.3816, 73.3504



91.4400, 95.3385, 99.8090



76.7774, 72.8123, 87.9760



19.4303, 20.2228, 21.0087



0.0000, 0.0000, 0.0000



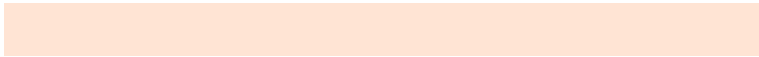
20.3446, 21.4041, 23.3091

Same Dimension

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



77.1688, 78.3816, 73.3504



80.7562, 81.3491, 73.5018



82.0938, 88.2314, 74.9920



17.0035, 17.4911, 17.2775



22.4245, 14.7346, 1.6622



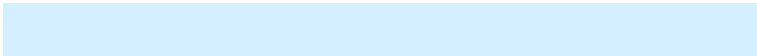
2.0659, 1.4850, 0.1778

Inverse Universe

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



73.3623, 79.5564, 99.4858



75.9357, 82.8353, 106.5943



68.6679, 70.1676, 97.9210



16.4491, 17.6624, 21.0848



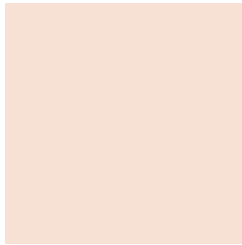
15.2383, 16.2704, 48.8754



1.4375, 1.6265, 4.3284

Previews

White Background



This preview shows how the XYZ color 77.1667, 78.3781, 73.3487 looks on a white background.

Color Contrast Check

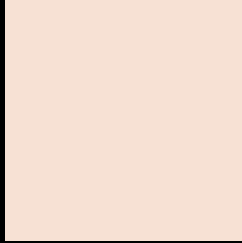
Large Text (above 18pt) WCAG AA × Fail

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 77.1667, 78.3781, 73.3487 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 77.1667, 78.3781, 73.3487

Background



This preview shows how black text looks on a background with the XYZ color 77.1667, 78.3781, 73.3487.

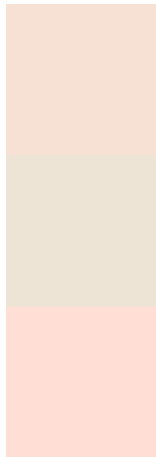


This preview shows how white text looks on a background with the XYZ color 77.1667, 78.3781,

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

77.1667, 78.3781, 73.3487

Protanopia

74.8061, 78.3464, 74.7980

Deuteranopia

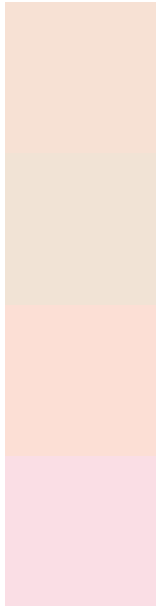
79.4989, 78.3576, 74.5528



Tritanopia

81.0727, 78.3952, 91.7477

Trichromacy



Original Color

77.1667, 78.3781, 73.3487

Protanomaly

75.7550, 78.4430, 74.0991

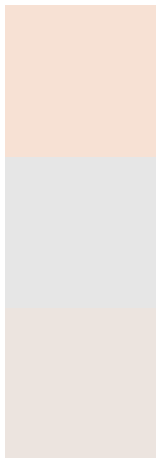
Deuteranomaly

78.5428, 78.2749, 73.9197

Tritanomaly

79.6885, 78.2237, 85.0274

Monochromacy



Original Color

77.1667, 78.3781, 73.3487

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.6548, 78.6474, 81.0051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1667, 78.3781, 73.3487 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(247, 225, 212) looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 212)  
}
```

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(247, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 212) }
```

Border

The CSS property to change the border of an element to XYZ 77.1667, 78.3781, 73.3487 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(247, 225, 212) }
```


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

```
.border{ border-color:rgb(247, 225, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 225, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1667, 78.3781, 73.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 212) }
```

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

```
.background{ background-color: rgb(247,  
225, 212) }
```

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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