

Converting Colors

XYZ(77.8516, 76.3065, 83.3998)

Have a look what the booklet for
XYZ(77.8516, 76.3065, 83.3998)
contains.

XYZ(77.5544, 75.9832, 83.2517)	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(77.5544, 75.9832,
83.2517)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DBE3
RGB	247, 219, 227
RGB Percent	97%, 86%, 89%
CMY	0.0314, 0.1412, 0.1098
CMYK	0.00, 0.11, 0.08, 0.03
HSL	343°, 64%, 91%
HSV	343°, 11%, 97%
XYZ	77.5544, 75.9832, 83.2517
YIQ	228.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

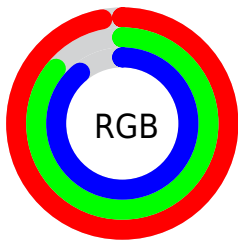
Format	Color
R _Y B	247, 219, 227
Decimal	16243683
CIE Lab	89.85, 10.97, -0.38
CIE LCh	90, 10.975, 358.012
Yxy	75.9832, 0.3275, 0.3209
Android (android.graphics.Color)	4294433763 (0xFFF7DBE3)
YUV	228.2840, -0.6330, 16.4139
Hunter-Lab	87.1683, 6.2683, 4.3919

Details

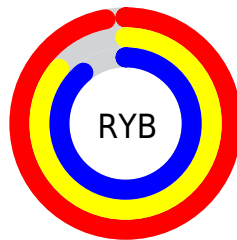
The XYZ color **77.5544, 75.9832, 83.2517** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0571, 87.8155, 94.5016**, and the grayscale version is **73.9497, 77.8008, 84.7251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2077, 40.6058, 44.6429** is the 20% darker color. If you saturate the color by 10%, you get **69.2708, 63.1152, 69.0844**, and if you desaturate by 10%, it is **87.0480, 90.8699, 99.0557**.

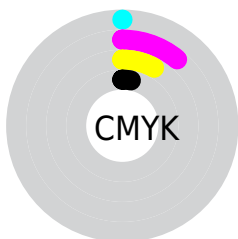
Distribution



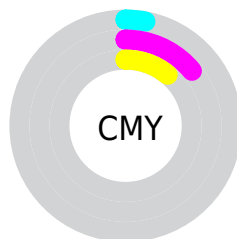
- Red (97%)
- Green (86%)
- Blue (89%)



- Red (97%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5544, 75.9832, 83.2517 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 77.5544, 75.9832, 83.2517 by changing the saturation by 10% instead.

77.5544, 75.9832,
83.2517

77.5544, 75.9832,
83.2517

475.5152,
481.2902, 525.8179

58.0095, 56.4187,
61.8560

128.8905,
127.7032, 139.7803

42.0596, 40.5387,
44.4813

161.4124,
160.6274, 175.7503

29.3393, 27.9588,
30.7091

198.9906,
198.7738, 217.4155

19.4832, 18.2946,
20.1208

241.9907,
242.5266, 265.1944

12.1260, 11.1617,
12.2980

290.7778,
292.2702, 319.5055

6.9024, 6.1757,
6.8219

345.7173,

3.4469, 2.9522,

348.3891, 380.7675

3.2742

407.1747,
411.2676, 449.3988

■ 1.3943, 1.1068,
1.2363

■ 0.2521, 0.0000,
0.0087

■ 77.5544, 75.9832,
83.2517

■ 77.5544, 75.9832,
83.2517

■ 69.2708, 63.1152,
69.0844

■ 87.0480, 90.8699,
99.0557

■ 62.1414, 52.1691,
56.4955

■ 92.1682, 98.5144,
108.7651

■ 56.1154, 43.0548,
45.4303

■ 51.1357, 35.6713,
35.8290

■ 47.1397, 29.9076,
27.6277

■ 44.0581, 25.6397,
20.7572

■ 41.8118, 22.7256,
15.1421

■ 40.3070, 20.9950,
10.6977

■ 39.4810, 20.2235,
7.7077

Harmonies

Analogous

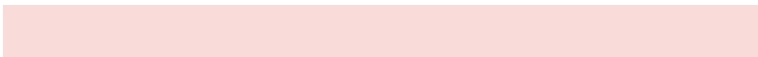
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7308, 75.9832, 90.8941



77.5544, 75.9832, 83.2517



76.9192, 75.9832, 75.9191

Triad

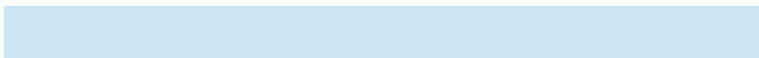
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5544, 75.9832, 83.2517



69.7997, 75.9832, 70.2429



69.4940, 75.9832, 96.0487

Complementary

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



77.5544, 75.9832, 83.2517



78.0571, 87.8155, 94.5016

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.



67.7157, 75.9832, 89.9425



77.5544, 75.9832, 83.2517



67.8891, 75.9832, 75.0753

Square

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



77.5544, 75.9832, 83.2517



72.4007, 75.9832, 68.6947



67.1355, 75.9832, 82.2160



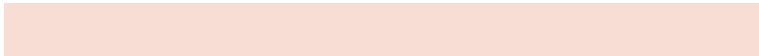
72.0391, 75.9832, 98.5638

Rectangle

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



77.5544, 75.9832, 83.2517



75.7626, 75.9832, 72.1274



67.1355, 75.9832, 82.2160



68.7891, 75.9832, 94.3299

Sweetspot

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



77.5565, 75.9865, 83.2533



91.7904, 94.8688, 103.5342



77.5843, 75.6631, 98.5120



19.4648, 20.0196, 21.8595



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

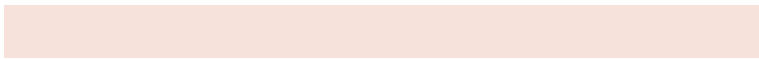
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5565, 75.9865, 83.2533



80.8621, 77.7646, 85.2407



77.9636, 78.5262, 78.0697



16.6937, 16.5603, 18.1337



20.9326, 10.7165, 4.3534



1.8822, 0.9588, 0.6060

Inverse Universe

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



77.5565, 75.9865, 83.2533



80.8621, 77.7646, 85.2407



77.5783, 84.9254, 100.3001



16.6937, 16.5603, 18.1337



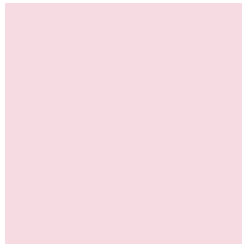
20.9326, 10.7165, 4.3534



1.8822, 0.9588, 0.6060

Previews

White Background



This preview shows how the XYZ color 77.5544, 75.9832, 83.2517 looks on a white background.

Color Contrast Check

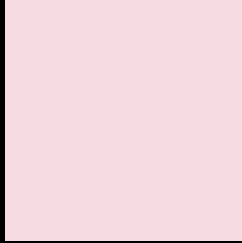
Large Text (above 18pt) WCAG AA × Fail

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 77.5544, 75.9832, 83.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

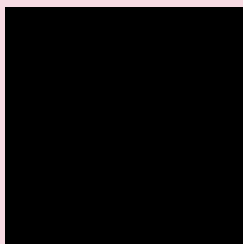
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5544, 75.9832, 83.2517

Background



This preview shows how black text looks on a background with the XYZ color 77.5544, 75.9832, 83.2517.

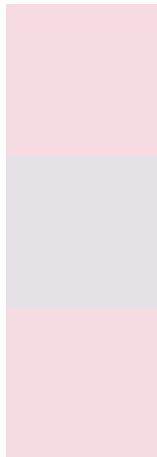


This preview shows how white text looks on a background with the XYZ color 77.5544, 75.9832,

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

77.5544, 75.9832, 83.2517

Protanopia

73.5212, 76.2216, 85.7002

Deuteranopia

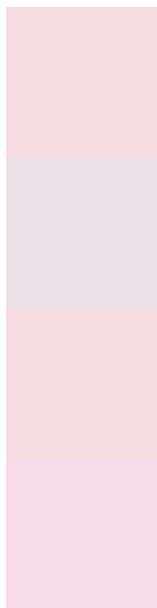
77.5544, 75.9832, 83.2517



Tritanopia

78.7782, 76.0974, 89.1335

Trichromacy



Original Color

77.5544, 75.9832, 83.2517

Protanomaly

75.1226, 76.2654, 84.8900

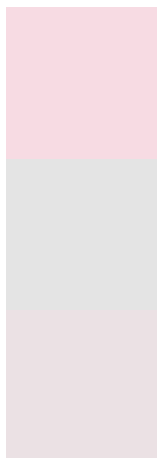
Deuteranomaly

77.5544, 75.9832, 83.2517

Tritanomaly

78.3483, 75.9255, 86.8696

Monochromacy



Original Color

77.5544, 75.9832, 83.2517

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.1898, 77.1140, 84.3204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5544, 75.9832, 83.2517 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, 219, 227) looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 227)  
}
```

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, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 77.5544, 75.9832, 83.2517 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, 219, 227) }
```


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

```
.border{ border-color:rgb(247, 219, 227) }
```

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

Here you see how a box with a 4 pixel rgb(247, 219, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5544, 75.9832, 83.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 227) }
```

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

```
.background{ background-color: rgb(247,  
219, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor