

Converting Colors

XYZ(77.6302, 73.4996, 95.3408)

Have a look what the booklet for
XYZ(77.6302, 73.4996, 95.3408)
contains.

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Color

**XYZ(77.7796, 73.5326,
95.6817)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D5F4
RGB	245, 213, 244
RGB Percent	96%, 84%, 96%
CMY	0.0392, 0.1647, 0.0431
CMYK	0.00, 0.13, 0.00, 0.04
HSL	302°, 62%, 90%
HSV	302°, 13%, 96%
XYZ	77.7796, 73.5326, 95.6817
YIQ	226.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

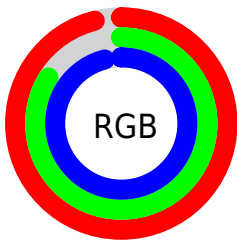
Format	Color
R _Y B	245, 213, 244
Decimal	16111092
CIE Lab	88.70, 16.38, -11.05
CIE LCh	89, 19.756, 326.001
Yxy	73.5326, 0.3149, 0.2977
Android (android.graphics.Color)	4294301172 (0xFFFF5D5F4)
YUV	226.1020, 8.8237, 16.5735
Hunter-Lab	85.7512, 11.8419, -6.1304

Details

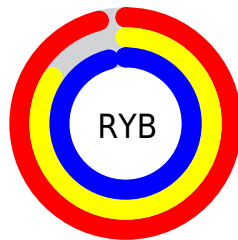
The XYZ color **77.7796, 73.5326, 95.6817** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.2335, 84.3082, 76.0883**, and the grayscale version is **72.2979, 76.0630, 82.8326**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2902, 38.9034, 52.8571** is the 20% darker color. If you saturate the color by 10%, you get **71.9614, 62.0808, 93.1704**, and if you desaturate by 10%, it is **84.5335, 86.8528, 98.5090**.

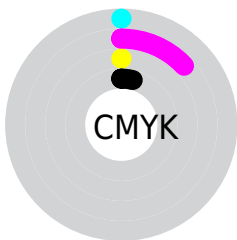
Distribution



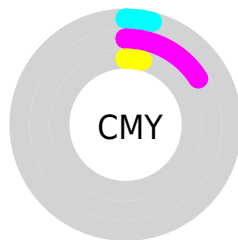
- Red (96%)
- Green (84%)
- Blue (96%)



- Red (96%)
- Yellow (84%)
- Blue (96%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7796, 73.5326, 95.6817 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 77.7796, 73.5326, 95.6817 by changing the saturation by 10% instead.

77.7796, 73.5326,
95.6817

77.7796, 73.5326,
95.6817

476.2693,
472.8586, 567.3851

58.1951, 54.4116,
72.1025

129.2064,
124.2330, 157.2097

42.2094, 38.9308,
52.7550

161.7794,
156.5812, 195.9956

29.4571, 26.7059,
37.2209

199.4126,
194.1072, 240.6875

19.5729, 17.3525,
25.0814

242.4714,
237.1954, 291.7038

12.1914, 10.4861,
15.9182

291.3211,
286.2303, 349.4632

6.9473, 5.7224,
9.3125

346.3271,

3.4752, 2.6770,

341.5962, 414.3842

4.8460

407.8547,
403.6775, 486.8853

■ 1.4098, 0.9656,
2.1000

■ 0.2632, 0.0000,
0.6158

■ 77.7796, 73.5326,
95.6817

■ 77.7796, 73.5326,
95.6817

■ 71.9614, 62.0808,
93.1704

■ 84.5335, 86.8528,
98.5090

■ 67.0308, 52.4046,
90.9565

■ 89.9798, 97.5580,
100.9019

■ 62.9452, 44.4176,
89.0267

■ 90.0974, 97.6050,
101.5210

■ 59.6559, 38.0225,
87.3647

■ 90.2154, 97.6522,
102.1427

57.1093, 33.1120,
85.9526

90.3340, 97.6997,
102.7669

55.2452, 29.5657,
84.7704

90.4530, 97.7473,
103.3936

53.9940, 27.2444,
83.7948

90.5725, 97.7951,
104.0229

53.2713, 25.9794,
82.9978

90.6925, 97.8431,
104.6548

52.9928, 25.5472,
82.5204

90.8130, 97.8913,
105.2893

Harmonies

Analogous

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



73.9920, 73.5326, 106.0913



77.7796, 73.5326, 95.6817



79.4526, 73.5326, 81.9119

Triad

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



77.7796, 73.5326, 95.6817



70.5326, 73.5326, 56.6001



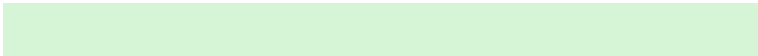
61.9612, 73.5326, 92.1500

Complementary

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



77.7796, 73.5326, 95.6817



72.2335, 84.3082, 76.0883

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.



61.1282, 73.5326, 78.2451



77.7796, 73.5326, 95.6817



65.9435, 73.5326, 58.6858

Square

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



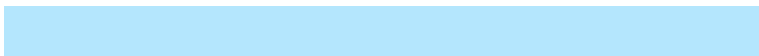
77.7796, 73.5326, 95.6817



75.1498, 73.5326, 60.1888



62.5538, 73.5326, 66.2464



64.8826, 73.5326, 103.8948

Rectangle

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



77.7796, 73.5326, 95.6817



79.0901, 73.5326, 73.0349



62.5538, 73.5326, 66.2464



61.4335, 73.5326, 87.5313

Sweetspot

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



77.7818, 73.5358, 95.6833



91.8306, 93.6433, 107.5738



67.8744, 68.4108, 96.0149



19.5300, 19.7958, 22.9732



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.



77.7818, 73.5358, 95.6833



83.1825, 76.5925, 103.9342



75.5214, 72.6317, 83.7805



17.1899, 16.7588, 20.7467



28.5580, 13.7666, 44.5083



2.5169, 1.2127, 3.9483

Inverse Universe

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



77.7818, 73.5358, 95.6833



83.1825, 76.5925, 103.9342



74.3131, 85.1400, 87.0393



17.1899, 16.7588, 20.7467



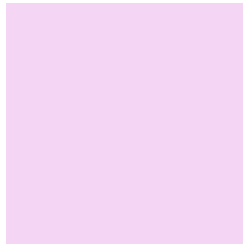
28.5580, 13.7666, 44.5083



2.5169, 1.2127, 3.9483

Previews

White Background



This preview shows how the XYZ color 77.7796, 73.5326, 95.6817 looks on a white background.

Color Contrast Check

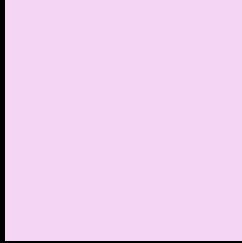
Large Text (above 18pt) WCAG AA × Fail

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 77.7796, 73.5326, 95.6817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

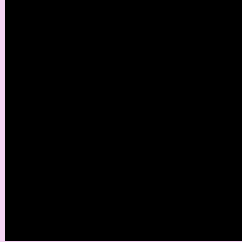
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7796, 73.5326, 95.6817

Background



This preview shows how black text looks on a background with the XYZ color 77.7796, 73.5326, 95.6817.



This preview shows how white text looks on a background with the XYZ color 77.7796, 73.5326,

95.6817.

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

77.7796, 73.5326, 95.6817

Protanopia

72.1688, 73.6125, 100.0275

Deuteranopia

75.2515, 73.7589, 95.0647



Tritanopia

75.8281, 73.4818, 86.5308

Trichromacy



Original Color

77.7796, 73.5326, 95.6817

Protanomaly

73.8548, 73.3522, 98.2615

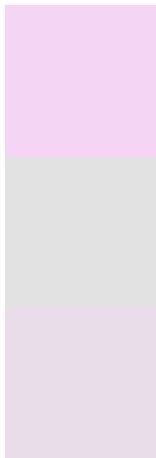
Deuteranomaly

76.3301, 73.9335, 95.0416

Tritanomaly

76.4951, 73.3824, 89.4894

Monochromacy



Original Color

77.7796, 73.5326, 95.6817

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.1687, 74.9197, 87.6426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7796, 73.5326, 95.6817 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(245, 213, 244)` looks like.

```
.text, #text, p{  
    color:rgb(245, 213, 244)  
}
```

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(245, 213, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 213, 244) }
```

Border

The CSS property to change the border of an element to XYZ 77.7796, 73.5326, 95.6817 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(245, 213, 244) }
```


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

```
.border{ border-color:rgb(245, 213, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 213, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 213, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 213, 244);  
box-shadow:4px 4px 4px 4px rgb(245, 213,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7796, 73.5326, 95.6817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 213, 244) }
```

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

```
.background{ background-color: rgb(245,  
213, 244) }
```

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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