

Converting Colors

XYZ(77.8958, 76.2980, 94.6258)

Have a look what the booklet for
XYZ(77.8958, 76.2980, 94.6258)
contains.

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Color

**XYZ(77.8958, 76.2980,
94.6258)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DCF2
RGB	241, 220, 242
RGB Percent	95%, 86%, 95%
CMY	0.0549, 0.1372, 0.0510
CMYK	0.00, 0.09, 0.00, 0.05
HSL	297°, 46%, 91%
HSV	297°, 9%, 95%
XYZ	77.8958, 76.2980, 94.6258
YIQ	228.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

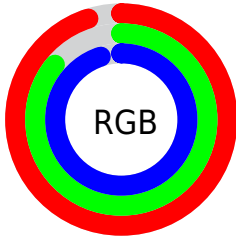
Format	Color
R_{YB}	241, 220, 242
Decimal	15850738
CIE _{Lab}	90.00, 11.02, -8.10
CIE _{LCh}	90, 13.682, 323.676
Yxy	76.2980, 0.3131, 0.3066
Android (android.graphics.Color)	4294040818 (0xFFFF1DCF2)
YUV	228.7870, 6.5140, 10.7108
Hunter-Lab	87.3487, 6.3224, -3.0854

Details

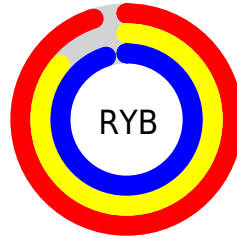
The XYZ color **77.8958, 76.2980, 94.6258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4921, 84.0457, 80.0104**, and the grayscale version is **74.2724, 78.1403, 85.0948**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3256, 40.7697, 52.0929** is the 20% darker color. If you saturate the color by 10%, you get **71.6250, 64.3111, 92.6437**, and if you desaturate by 10%, it is **85.0927, 90.1314, 96.9177**.

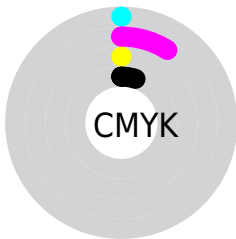
Distribution



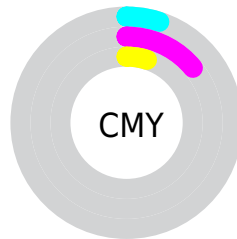
- Red (95%)
- Green (86%)
- Blue (95%)



- Red (95%)
- Yellow (86%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8958, 76.2980, 94.6258 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 77.8958, 76.2980, 94.6258 by changing the saturation by 10% instead.

77.8958, 76.2980,
94.6258

77.8958, 76.2980,
94.6258

476.6581,
482.3672, 563.9200

58.2909, 56.6769,
71.2284

129.3694,
128.1481, 155.7387

42.2867, 40.7459,
52.0456

161.9687,
161.1458, 194.2912

29.5179, 28.1206,
36.6590

199.6302,
199.3712, 238.7325

19.6192, 18.4166,
24.6498

242.7193,
243.2087, 289.4812

12.2252, 11.2495,
15.5997

291.6013,
293.0427, 346.9557

6.9705, 6.2349,
9.0901

346.6415,

3.4899, 2.9884,

349.2575, 411.5747

4.7024

408.2053,
412.2375, 483.7566

■ 1.4178, 1.1257,
2.0180

■ 0.2688, 0.0000,
0.5663

■ 77.8958, 76.2980,
94.6258

■ 77.8958, 76.2980,
94.6258

■ 71.6250, 64.3111,
92.6437

■ 85.0927, 90.1314,
96.9177

■ 66.2342, 54.0821,
90.9535

■ 88.8191, 97.0215,
98.0513

■ 61.6836, 45.5300,
89.5426

■ 89.2003, 97.2181,
98.0691

■ 57.9275, 38.5636,
88.3959

■ 89.5839, 97.4158,
98.0871

54.9160, 33.0830,
87.4968

89.9697, 97.6147,
98.1051

52.5933, 28.9769,
86.8266

90.3578, 97.8148,
98.1233

50.8962, 26.1183,
86.3643

90.7483, 98.0160,
98.1415

49.7493, 24.3570,
86.0848

91.1410, 98.2185,
98.1599

49.0383, 23.4643,
85.9499

91.5360, 98.4221,
98.1784

Harmonies

Analogous

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



75.1668, 76.2980, 101.3627



77.8958, 76.2980, 94.6258



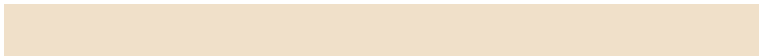
79.1892, 76.2980, 85.1480

Triad

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



77.8958, 76.2980, 94.6258



73.2390, 76.2980, 65.8758



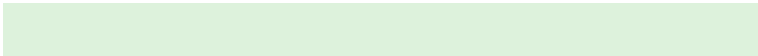
66.7143, 76.2980, 90.7958

Complementary

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



77.8958, 76.2980, 94.6258



74.4921, 84.0457, 80.0104

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.



66.2342, 76.2980, 81.0370



77.8958, 76.2980, 94.6258



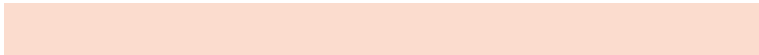
69.9340, 76.2980, 67.1318

Square

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



77.8958, 76.2980, 94.6258



76.4472, 76.2980, 68.9309



67.3954, 76.2980, 72.5057



68.7277, 76.2980, 99.0338

Rectangle

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



77.8958, 76.2980, 94.6258



79.0355, 76.2980, 78.7417



67.3954, 76.2980, 72.5057



66.3709, 76.2980, 87.5656

Sweetspot

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



77.8980, 76.3013, 94.6275



92.5301, 95.1499, 108.0967



71.4284, 73.3960, 94.4077



19.6646, 20.0955, 23.0923



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.



77.8980, 76.3013, 94.6275



86.2778, 83.1498, 106.1099



76.7933, 75.8989, 87.0234



16.3791, 15.9927, 19.9452



26.3459, 12.5872, 46.1689



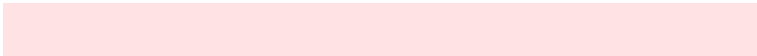
2.2135, 1.0584, 3.8418

Inverse Universe

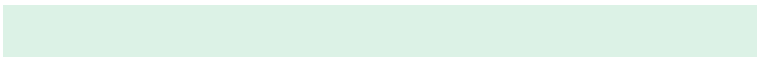
The Inverse Universe completely reimagines the original color for something new.



75.2650, 75.2876, 78.9756



82.7303, 81.7848, 84.9885



75.5389, 84.4294, 87.1072



15.8019, 15.7705, 16.5131



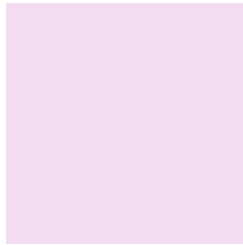
19.7172, 10.1593, 1.1614



1.6505, 0.8492, 0.1502

Previews

White Background



This preview shows how the XYZ color 77.8958, 76.2980, 94.6258 looks on a white background.

Color Contrast Check

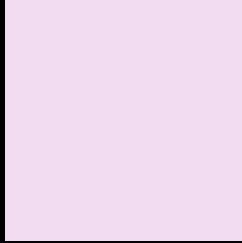
Large Text (above 18pt) WCAG AA × Fail

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 77.8958, 76.2980, 94.6258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

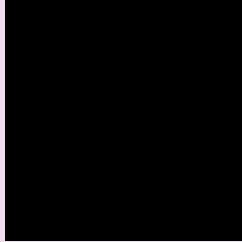
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8958, 76.2980, 94.6258

Background



This preview shows how black text looks on a background with the XYZ color 77.8958, 76.2980, 94.6258.



This preview shows how white text looks on a background with the XYZ color 77.8958, 76.2980,

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

77.8958, 76.2980, 94.6258

Protanopia

74.4580, 76.4506, 97.2183

Deuteranopia

77.8958, 76.2980, 94.6258



Tritanopia

77.2242, 76.4112, 91.5676

Trichromacy



Original Color

77.8958, 76.2980, 94.6258

Protanomaly

75.6718, 76.2959, 96.3262

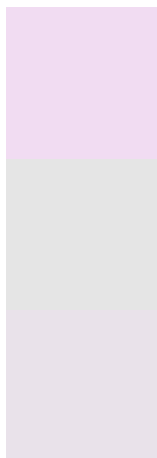
Deuteranomaly

77.8958, 76.2980, 94.6258

Tritanomaly

77.3716, 76.4702, 92.3436

Monochromacy



Original Color

77.8958, 76.2980, 94.6258

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.6519, 77.6569, 88.8439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8958, 76.2980, 94.6258 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(241, 220, 242) looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 242)  
}
```

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(241, 220, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 242) }
```

Border

The CSS property to change the border of an element to XYZ 77.8958, 76.2980, 94.6258 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(241, 220, 242) }
```


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

```
.border{ border-color:rgb(241, 220, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 220, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8958, 76.2980, 94.6258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 242) }
```

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

```
.background{ background-color: rgb(241,  
220, 242) }
```

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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