

Converting Colors

XYZ(77.8238, 76.3034, 93.3522)

Have a look what the booklet for XYZ(77.8238, 76.3034, 93.3522) contains.

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Color

**XYZ(77.5970, 76.1784,
93.0522)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DCF0
RGB	241, 220, 240
RGB Percent	95%, 86%, 94%
CMY	0.0549, 0.1372, 0.0588
CMYK	0.00, 0.09, 0.00, 0.05
HSL	303°, 43%, 90%
HSV	303°, 9%, 95%
XYZ	77.5970, 76.1784, 93.0522
YIQ	228.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

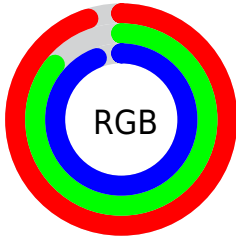
Format	Color
R_{YB}	241, 220, 240
Decimal	15850736
CIE _{Lab}	89.94, 10.66, -7.14
CIE _{LCh}	90, 12.831, 326.208
Yxy	76.1784, 0.3144, 0.3086
Android (android.graphics.Color)	4294040816 (0xFFFF1DCF0)
YUV	228.5590, 5.6404, 10.9108
Hunter-Lab	87.2802, 5.9560, -2.1148

Details

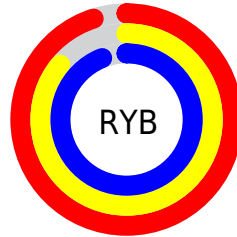
The XYZ color **77.5970, 76.1784, 93.0522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0245, 83.3488, 80.5970**, and the grayscale version is **74.1109, 77.9704, 84.9098**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1144, 40.6852, 50.9808** is the 20% darker color. If you saturate the color by 10%, you get **71.5531, 64.3616, 90.1997**, and if you desaturate by 10%, it is **84.5582, 89.8258, 96.2176**.

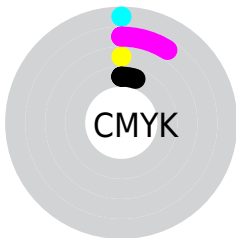
Distribution



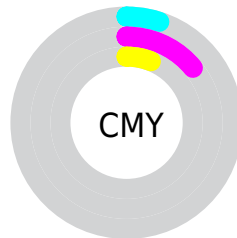
- Red (95%)
- Green (86%)
- Blue (94%)



- Red (95%)
- Yellow (86%)
- Blue (94%)



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



- Cyan (5%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5970, 76.1784, 93.0522 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 77.5970, 76.1784, 93.0522 by changing the saturation by 10% instead.

77.5970, 76.1784,
93.0522

77.5970, 76.1784,
93.0522

475.6579,
481.9582, 558.7346

58.0446, 56.5788,
69.9270

128.9502,
127.9791, 153.5432

42.0879, 40.6672,
50.9906

161.4818,
160.9489, 191.7461

29.3616, 28.0591,
35.8244

199.0705,
199.1443, 235.8119

19.5002, 18.3702,
24.0100

242.0816,
242.9496, 286.1593

12.1384, 11.2161,
15.1288

290.8806,
292.7493, 343.2067

6.9109, 6.2124,
8.7622

345.8327,

3.4522, 2.9747,

348.9277, 407.3727

4.4917

407.3034,
411.8692, 479.0758

■ 1.3972, 1.1185,
1.8988

■ 0.2542, 0.0000,
0.4920

■ 77.5970, 76.1784,
93.0522

■ 77.5970, 76.1784,
93.0522

■ 71.5531, 64.3616,
90.1997

■ 84.5582, 89.8258,
96.2176

■ 66.3810, 54.2877,
87.6422

■ 88.1079, 96.6498,
98.2503

■ 62.0413, 45.8770,
85.3675

■ 88.2812, 96.7191,
99.1629

■ 58.4891, 39.0394,
83.3605

■ 88.4556, 96.7888,
100.0811

■ 55.6749, 33.6762,
81.6048

■ 88.6311, 96.8590,
101.0051

■ 53.5440, 29.6779,
80.0822

■ 88.8076, 96.9296,
101.9349

■ 52.0339, 26.9196,
78.7718

■ 88.9853, 97.0007,
102.8703

■ 51.0709, 25.2535,
77.6490

■ 89.1640, 97.0722,
103.8116

■ 50.5464, 24.4631,
76.6776

■ 89.3438, 97.1441,
104.7585

Harmonies

Analogous

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



75.1343, 76.1784, 99.6375



77.5970, 76.1784, 93.0522



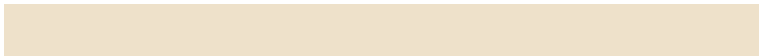
78.6677, 76.1784, 84.1069

Triad

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



77.5970, 76.1784, 93.0522



72.8097, 76.1784, 66.6977



67.0661, 76.1784, 90.9068

Complementary

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



77.5970, 76.1784, 93.0522



74.0245, 83.3488, 80.5970

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.



66.4843, 76.1784, 81.7945



77.5970, 76.1784, 93.0522



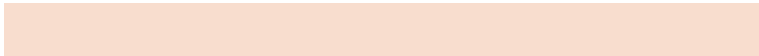
69.7431, 76.1784, 68.2300

Square

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



77.5970, 76.1784, 93.0522



75.8533, 76.1784, 69.2501



67.4505, 76.1784, 73.5981



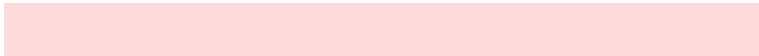
69.0634, 76.1784, 98.3367

Rectangle

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



77.5970, 76.1784, 93.0522



78.4258, 76.1784, 78.1614



67.4505, 76.1784, 73.5981



66.7011, 76.1784, 87.9206

Sweetspot

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



77.5992, 76.1817, 93.0539



92.5993, 95.1924, 107.7939



71.2012, 72.8662, 93.5322



19.6834, 20.1070, 23.0102



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.



77.5992, 76.1817, 93.0539



87.2529, 84.7177, 105.3392



76.1262, 75.5925, 85.2970



16.4198, 16.0176, 19.7671



27.3950, 13.2304, 41.5924



2.2890, 1.1046, 3.5126

Inverse Universe

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



77.5992, 76.1817, 93.0539



87.2529, 84.7177, 105.3392



75.4252, 83.9091, 87.9728



16.4198, 16.0176, 19.7671



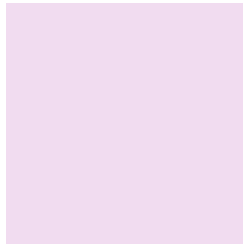
27.3950, 13.2304, 41.5924



2.2890, 1.1046, 3.5126

Previews

White Background



This preview shows how the XYZ color 77.5970, 76.1784, 93.0522 looks on a white background.

Color Contrast Check

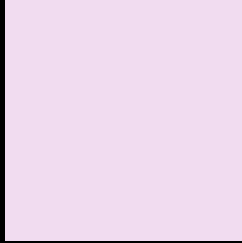
Large Text (above 18pt) WCAG AA × Fail

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 77.5970, 76.1784, 93.0522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

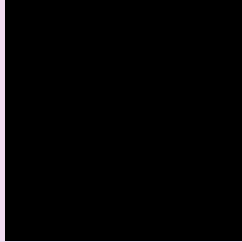
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5970, 76.1784, 93.0522

Background



This preview shows how black text looks on a background with the XYZ color 77.5970, 76.1784, 93.0522.



This preview shows how white text looks on a background with the XYZ color 77.5970, 76.1784,

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

77.5970, 76.1784, 93.0522

Protanopia

74.1542, 76.3290, 95.6187

Deuteranopia

77.9393, 76.3549, 93.0682



Tritanopia

77.3014, 76.0602, 91.4958

Trichromacy



Original Color

77.5970, 76.1784, 93.0522

Protanomaly

75.3697, 76.1751, 94.7353

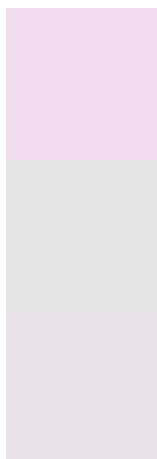
Deuteranomaly

77.9393, 76.3549, 93.0682

Tritanomaly

77.4488, 76.1192, 92.2718

Monochromacy



Original Color

77.5970, 76.1784, 93.0522

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.5086, 77.5995, 88.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5970, 76.1784, 93.0522 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 240) }
```

Border

The CSS property to change the border of an element to XYZ 77.5970, 76.1784, 93.0522 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, 240) }
```


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

```
.border{ border-color:rgb(241, 220, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 240);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5970, 76.1784, 93.0522 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, 240) }
```

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

```
.background{ background-color: rgb(241,  
220, 240) }
```

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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