

Converting Colors

XYZ(77.6240, 77.9071, 93.1645)

Have a look what the booklet for
XYZ(77.6240, 77.9071, 93.1645)
contains.

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Color

**XYZ(77.6437, 77.7797,
93.3588)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE0F0
RGB	238, 224, 240
RGB Percent	93%, 88%, 94%
CMY	0.0667, 0.1215, 0.0588
CMYK	0.01, 0.07, 0.00, 0.06
HSL	292°, 35%, 91%
HSV	292°, 7%, 94%
XYZ	77.6437, 77.7797, 93.3588
YIQ	230.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

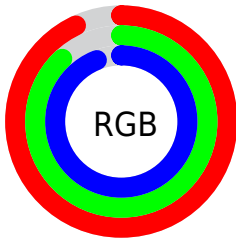
Format	Color
R _Y B	238, 224, 240
Decimal	15655152
CIE Lab	90.68, 7.58, -6.07
CIE LCh	91, 9.713, 321.294
Yxy	77.7797, 0.3121, 0.3126
Android (android.graphics.Color)	4293845232 (0xFFEEE0F0)
YUV	230.0100, 4.9251, 7.0072
Hunter-Lab	88.1928, 2.8115, -1.0280

Details

The XYZ color **77.6437, 77.7797, 93.3588** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9816, 83.8728, 82.7094**, and the grayscale version is **75.1862, 79.1017, 86.1417**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1311, 41.7817, 51.1915** is the 20% darker color. If you saturate the color by 10%, you get **70.6451, 65.2647, 91.3132**, and if you desaturate by 10%, it is **85.5739, 92.1308, 95.7120**.

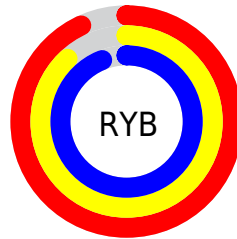
Distribution



Red (93%)

Green (88%)

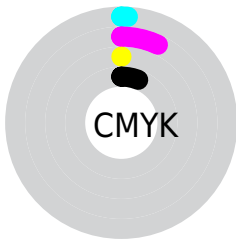
Blue (94%)



Red (93%)

Yellow (88%)

Blue (94%)

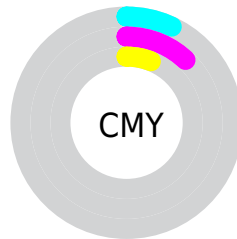


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (12%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6437, 77.7797, 93.3588 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 77.6437, 77.7797, 93.3588 by changing the saturation by 10% instead.

77.6437, 77.7797,
93.3588

77.6437, 77.7797,
93.3588

475.8143,
487.4183, 559.7470

58.0831, 57.8930,
70.1804

129.0158,
130.2395, 153.9713

42.1190, 41.7227,
51.1959

161.5579,
163.5815, 192.2425

29.3860, 28.8842,
35.9868

199.1580,
202.1773, 236.3817

19.5188, 18.9932,
24.1344

242.1813,
246.4114, 286.8074

12.1519, 11.6654,
15.2202

290.9933,
296.6681, 343.9383

6.9202, 6.5163,
8.8257

345.9592,

3.4581, 3.1615,

353.3319, 408.1928

4.5324

407.4444,
416.7872, 479.9895

■ 1.4004, 1.2166,
1.9217

■ 0.2565, 0.0752,
0.5065

■ 77.6437, 77.7797,
93.3588

■ 77.6437, 77.7797,
93.3588

■ 70.6451, 65.2647,
91.3132

■ 85.5739, 92.1308,
95.7120

■ 64.5335, 54.4999,
89.5575

■ 88.7976, 97.0450,
96.4907

■ 59.2704, 45.4074,
88.0799

■ 89.8475, 97.5862,
96.5398

■ 54.8119, 37.8995,
86.8657

■ 90.9143, 98.1362,
96.5897

■ 51.1100, 31.8806,
85.8990

■ 91.9983, 98.6950,
96.6404

■ 48.1118, 27.2446,
85.1622

■ 92.7284, 99.0714,
96.6746

■ 45.7571, 23.8713,
84.6352

■ 43.9754, 21.6201,
84.2946

■ 42.6779, 20.3133,
84.1107

Harmonies

Analogous

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



75.6417, 77.7797, 97.8149



77.6437, 77.7797, 93.3588



78.6554, 77.7797, 86.7359

Triad

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



77.6437, 77.7797, 93.3588



74.6386, 77.7797, 72.1069



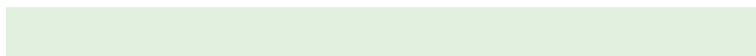
69.6477, 77.7797, 89.6553

Complementary

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



77.6437, 77.7797, 93.3588



75.9816, 83.8728, 82.7094

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.



69.3925, 77.7797, 82.6743



77.6437, 77.7797, 93.3588



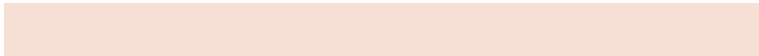
72.2390, 77.7797, 72.7930

Square

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



77.6437, 77.7797, 93.3588



76.8956, 77.7797, 74.6444



70.3314, 77.7797, 76.5730



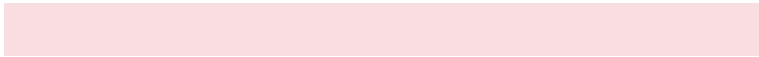
71.0363, 77.7797, 95.5963

Rectangle

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



77.6437, 77.7797, 93.3588



78.6171, 77.7797, 82.0883



70.3314, 77.7797, 76.5730



69.4277, 77.7797, 87.3438

Sweetspot

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



77.6460, 77.7830, 93.3605



93.2103, 96.6683, 108.3539



73.7046, 76.6075, 93.3413



19.9701, 20.7259, 23.1979



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.



77.6460, 77.7830, 93.3605



87.9518, 87.1873, 106.8010



77.4637, 77.7882, 88.8765



16.2484, 15.9253, 19.9391



23.2363, 10.9842, 46.0233



1.9870, 0.9416, 3.8312

Inverse Universe

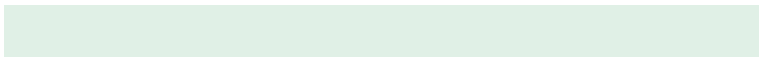
The Inverse Universe completely reimagines the original color for something new.



76.3210, 77.3311, 82.8593



86.1420, 86.5711, 92.4059



76.1675, 83.8751, 86.9428



15.8532, 15.7910, 16.7832



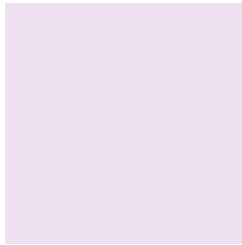
19.8257, 10.2027, 1.7326



1.6749, 0.8590, 0.2789

Previews

White Background



This preview shows how the XYZ color 77.6437, 77.7797, 93.3588 looks on a white background.

Color Contrast Check

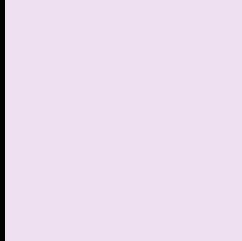
Large Text (above 18pt) WCAG AA × Fail

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 77.6437, 77.7797, 93.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

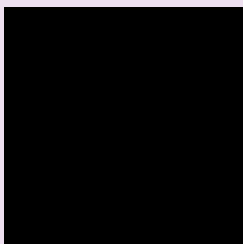
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6437, 77.7797, 93.3588

Background



This preview shows how black text looks on a background with the XYZ color 77.6437, 77.7797, 93.3588.



This preview shows how white text looks on a background with the XYZ color 77.6437, 77.7797,

93.3588.

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

77.6437, 77.7797, 93.3588

Protanopia

75.4910, 77.8430, 95.0508

Deuteranopia

79.5056, 77.9463, 93.2928



Tritanopia

77.7927, 77.8393, 94.1435

Trichromacy



Original Color

77.6437, 77.7797, 93.3588

Protanomaly

76.3523, 77.8994, 94.2310

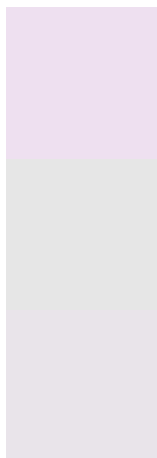
Deuteranomaly

78.7338, 77.9439, 93.3330

Tritanomaly

77.7927, 77.8393, 94.1435

Monochromacy



Original Color

77.6437, 77.7797, 93.3588

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.1990, 78.7510, 89.0262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6437, 77.7797, 93.3588 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(238, 224, 240) looks like.

```
.text, #text, p{  
    color:rgb(238, 224, 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(238, 224, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 240) }
```

Border

The CSS property to change the border of an element to XYZ 77.6437, 77.7797, 93.3588 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(238, 224, 240) }
```


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

```
.border{ border-color:rgb(238, 224, 240) }
```

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

Here you see how a box with a 4 pixel rgb(238, 224, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6437, 77.7797, 93.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 224, 240) }
```

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

```
.background{ background-color: rgb(238,  
224, 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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